

SELECTION GUIDE

2.92mm (K)
RF Connectors

Up to 40 GHz precision interconnect solutions for panel mount, feedthrough, PCB launch and microwave test applications, organized for faster first-round selection across multiple mounting and transition structures.

40 GHz
SERIES CAPABILITY

50 Ω
PRECISION INTERFACE

6 Families
SELECTION COVERAGE

INTRODUCTION

What Is a 2.92mm Connector?

DEFINITION

A 2.92mm connector, also widely known as a K connector, is a precision 50 ohm RF connector designed for high-frequency signal transmission up to 40 GHz. It is widely used in microwave test, instrumentation, module interconnects and PCB transition structures where compact size and stable RF performance are both important.



WHY ENGINEERS USE IT

- Supports applications through 40 GHz
- Compact precision interface for high-frequency RF paths
- Suitable for panels, fixtures and board transitions
- Common in microwave test and measurement structures
- Useful where dimensional consistency and RF continuity matter

TYPICAL USE CASES

- Microwave test fixtures
- Instrument RF interfaces
- Enclosure and wall transitions
- PCB launch structures
- RF module interconnects
- Evaluation and prototype boards

WHY VINSTRONICS

- Broad 2.92mm connector family coverage
- Flange, feedthrough, threaded and board-launch styles
- Drawing-based support for model matching
- Multiple dimensional options for engineering selection

This catalog is organized to help engineers move from product understanding to first-round selection, then into detailed drawing-based model review.

REFERENCE

Core Electrical & Mechanical Overview

Series-level reference information for first-round evaluation, application matching and cleaner technical communication.

ELECTRICAL OVERVIEW

Frequency Range	Up to 40 GHz
Impedance	50 Ω
VSWR	Model dependent; confirm by latest drawing / test report
Insertion Loss	Application- and structure-dependent
Contact Resistance	Low-resistance precision contact design
Insulation Resistance	Model dependent; confirm by drawing

MECHANICAL OVERVIEW

Interface Type	2.92mm precision RF interface
Styles	Flange, feedthrough, threaded and board-transition formats
Gender Options	Male and female
Mounting	2-hole, 4-hole, threaded and PCB-related structures
Support Types	Air, dielectric and metal-supported transitions
Selection Basis	Drawing, hole pattern, contact size and transition geometry

Final performance depends on connector structure, mating condition and application geometry. For critical applications, confirm against the latest drawing before final approval.

TECHNICAL REFERENCE

Representative Performance Reference

Representative RF test data for first-round evaluation of 2.92mm connector performance through 40 GHz.



Representative connector-level reference plot through 40 GHz. Final results depend on structure, mating condition and installation geometry.

ENGINEERING TAKEAWAYS

- Representative performance supports first-round evaluation through 40 GHz
- RF results are sensitive to connector structure, mating condition and installation geometry
- Feedthrough and PCB-launch connectors should be evaluated in final-use configuration whenever possible

TECHNICAL NOTE

Representative data is for first-round selection reference only. Final RF performance depends on connector structure, mating condition, interface quality, stack-up and installation geometry.

PORTFOLIO MAP

Product Family Overview

The Vinstronics 2.92mm portfolio covers the most common RF transition needs from fixed panels to microwave PCB launches.

FAMILY 01

Removable Flange-Mount

Replaceable flange-fixed interfaces for panels, fixtures and enclosure access points.

FAMILY 02

Feedthrough

Pass-through connector structures for walls, panels and enclosure transitions.

FAMILY 03

Threaded Input

Compact threaded styles for direct structural installation where space is limited.

FAMILY 04

PCB Adapter

Connector-to-board transition formats for RF PCB structures and test boards.

FAMILY 05

Vertical Mount Adapter

Vertical transition styles for compact board and fixture layouts.

FAMILY 06

End Launch

Board-edge launch connectors for microwave PCB trace transitions.

HOW TO USE THIS CATALOG

Start with the family that matches your installation structure. Then move to the quick selection guide, confirm the category logic, and only after that enter the detailed model pages.

SELECTION ENTRY

Quick Selection Guide

Start with the installation structure, then narrow the connector family by the transition style you need.

If you need	Recommended family / subtype	Best for	Check first
A replaceable panel or fixture interface	Removable Flange-Mount	Panels, fixtures, front interfaces	Hole pattern, gender, flange size
A signal pass-through across a wall or panel	Feedthrough	Enclosures, wall transitions	Contact diameter, length, flange style
A dielectric-supported pass-through	Dielectric Feedthrough	Controlled supported transitions	D1, D2, L1, L2
A compact metal-supported pass-through	Metal Feedthrough	Compact structural transitions	OD1, OD2, L1, L2
A compact threaded interface	Threaded Input	Dense installation layouts	Body length, contact geometry
A connector-to-board transition	PCB Adapter	RF boards, test boards	Board thickness, transition geometry
A vertical board transition	Vertical Mount Adapter	Compact board-level layouts	Footprint, height, clearance
A board-edge RF launch	End Launch	Evaluation boards, fixtures	Board edge geometry, contact size

METHOD

How to Choose the Right 2.92mm Connector

The correct connector is usually defined by interface type, mounting method, structural layout, critical dimensions and final mating conditions.

STEP 1

Define the interface gender

Start with male or female requirements based on the mating side of your system.

STEP 2

Define the mounting method

Choose flange-mount, feedthrough, threaded, PCB-adapter, vertical-mount or end-launch format.

STEP 3

Define the mechanical layout

Confirm whether the connector will be used on a panel, wall, fixture, PCB edge or vertical board transition.

STEP 4

Confirm critical dimensions

Check hole pattern, contact diameter, receptacle size, protrusion length, board thickness or transition geometry.

STEP 5 — CONFIRM FINAL MATING CONDITIONS

Verify against final stack-up, mating interface, clearance limits and installation tolerances before final model approval.

Before requesting a drawing or quote

- Interface gender
- Connector family
- Mounting style
- Key dimensions

Also confirm

- Board or panel structure
- Frequency target
- Mating-side constraints
- Need for 2D drawing or 3D file

DETAILED SELECTION

Removable Flange-Mount Connectors

Removable flange-mount connectors are used where a fixed RF interface is required on a panel or fixture, while still allowing connector replacement and configuration flexibility.

WHY CHOOSE THIS FAMILY

- Stable flange-fixed installation for panel and fixture interfaces
- Available in 2-hole and 4-hole mounting formats
- Male and female versions for different mating requirements
- Suitable for replaceable interface points and repeatable integration

BEST-FIT APPLICATIONS

- Front-panel RF interfaces
- Microwave test fixtures
- Enclosure or chassis ports
- Instrument-side interfaces
- Precision panel-mounted interconnects

2-HOLE VS 4-HOLE

Choose by mounting pattern

Choose 4-hole flange styles where broader mounting support and square flange geometry are preferred. Choose 2-hole styles where narrower installation width is required.

SELECTION CHECKPOINTS

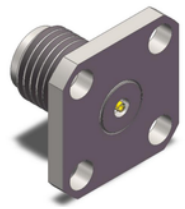
Confirm before entering the model pages

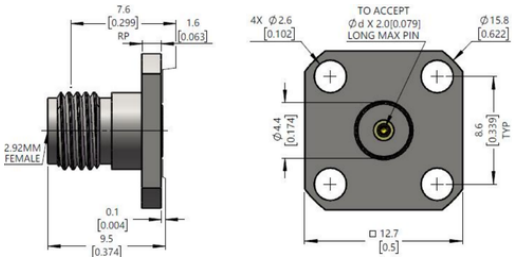
Check gender, flange size, hole pattern, receptacle or contact dimensions and available mounting space before selecting a specific model.

REMOVABLE FLANGE-MOUNT

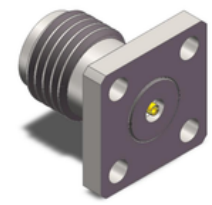
2.92mm 4-Hole Female Removable Flange Connector

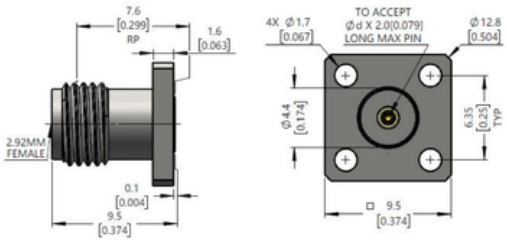
Best for female panel interfaces requiring removable installation and stable 4-hole flange mounting.



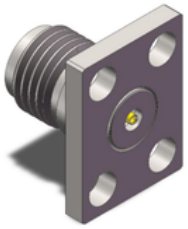


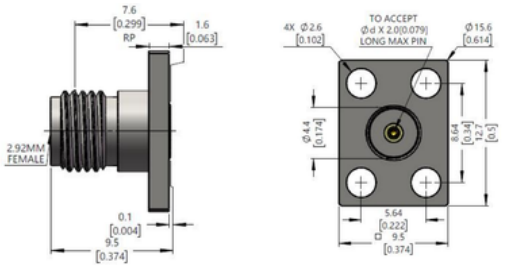
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VST-CPS292F23-F01	0.23 [0.009]
VST-CPS292F30-F01	0.30 [0.012]
VST-CPS292F38-F01	0.38 [0.015]
VST-CPS292F46-F01	0.46 [0.018]
VST-CPS292F51-F01	0.51 [0.020]



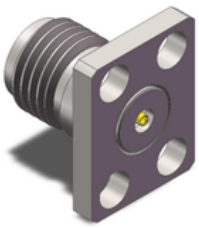


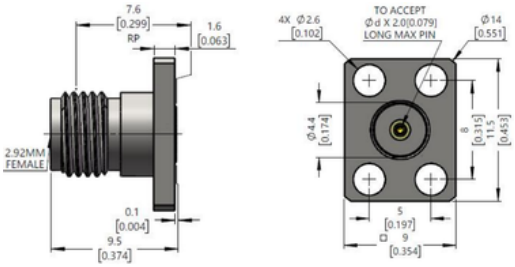
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VST-CPS292F30-F02	0.30 [0.012]
VST-CPS292F38-F02	0.38 [0.015]
VST-CPS292F46-F02	0.46 [0.018]
VST-CPS292F51-F02	0.51 [0.020]





PRODUCT MODEL	SOCKET BORE ØD
VST-CPS292F23-F03	0.23 [0.009]
VST-CPS292F30-F03	0.30 [0.012]
VST-CPS292F38-F03	0.38 [0.015]
VST-CPS292F46-F03	0.46 [0.018]
VST-CPS292F51-F03	0.51 [0.020]





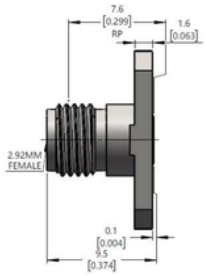
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VST-CPS292F30-F13	0.30 [0.012]
VST-CPS292F38-F13	0.38 [0.015]
VST-CPS292F46-F13	0.46 [0.018]
VST-CPS292F51-F13	0.51 [0.020]

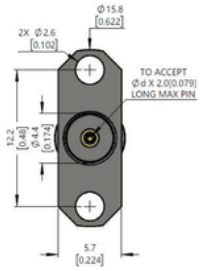
REMOVABLE FLANGE-MOUNT

2.92mm 2-Hole Female Removable Flange Connector

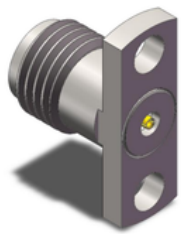
Best for female panel interfaces requiring removable installation in a narrower 2-hole flange format.

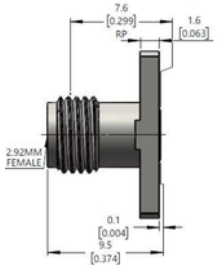


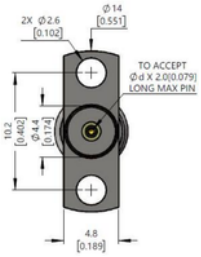




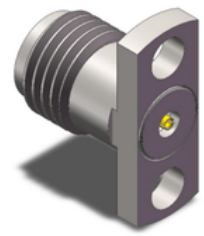
PRODUCT MODEL	SOCKET BORE ØD
VST-CPS292F23-F04	0.23 [0.009]
VST-CPS292F30-F04	0.30 [0.012]
VST-CPS292F38-F04	0.38 [0.015]
VST-CPS292F46-F04	0.46 [0.018]
VST-CPS292F51-F04	0.51 [0.020]

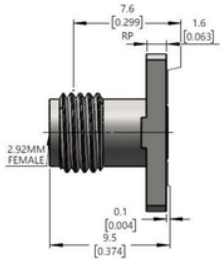


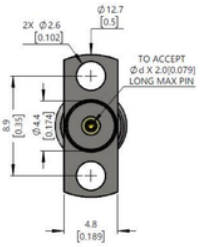




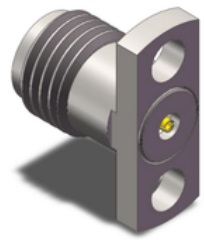
PRODUCT MODEL	SOCKET BORE ØD
VST-CPS292F23-F05	0.23 [0.009]
VST-CPS292F30-F05	0.30 [0.012]
VST-CPS292F38-F05	0.38 [0.015]
VST-CPS292F46-F05	0.46 [0.018]
VST-CPS292F51-F05	0.51 [0.020]

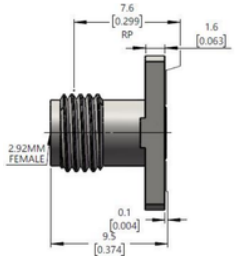


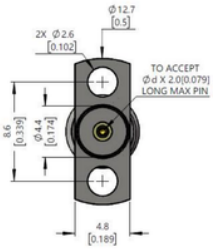




PRODUCT MODEL	SOCKET BORE ØD
VST-CPS292F23-F06	0.23 [0.009]
VST-CPS292F30-F06	0.30 [0.012]
VST-CPS292F38-F06	0.38 [0.015]
VST-CPS292F46-F06	0.46 [0.018]
VST-CPS292F51-F06	0.51 [0.020]





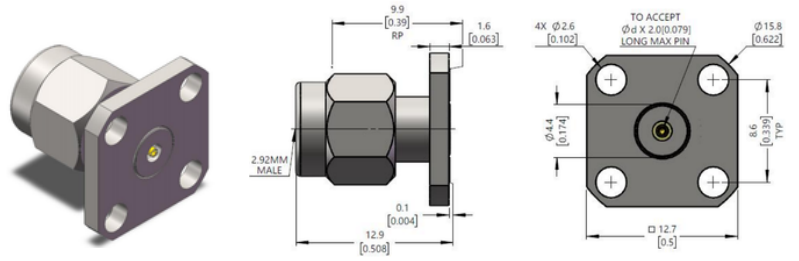


PRODUCT MODEL	SOCKET BORE ØD
VST-CPS292F23-F07	0.23 [0.009]
VST-CPS292F30-F07	0.30 [0.012]
VST-CPS292F38-F07	0.38 [0.015]
VST-CPS292F46-F07	0.46 [0.018]
VST-CPS292F51-F07	0.51 [0.020]

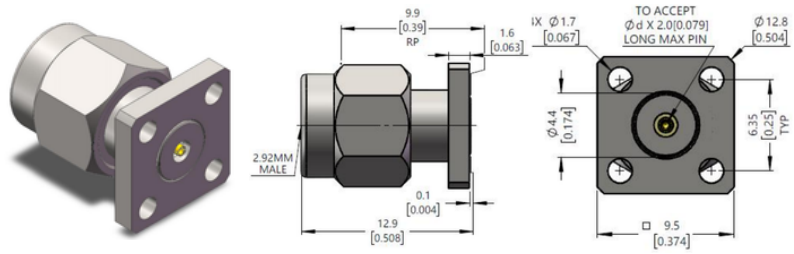
REMOVABLE FLANGE-MOUNT

2.92mm 4-Hole Male Removable Flange Connector

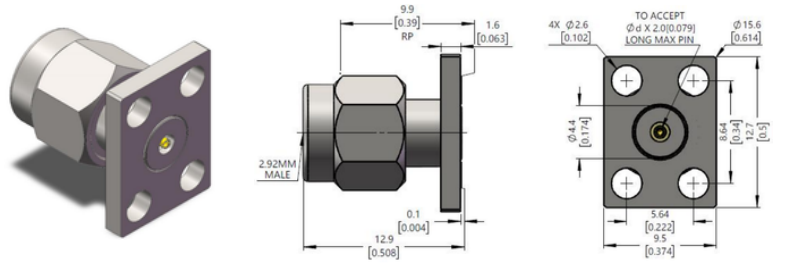
Best for stable panel mounting with a male RF interface and 4-hole flange fixation.



PRODUCT MODEL	SOCKET BORE ØD
VST-CPS292M23-F01	0.23 [0.009]
VST-CPS292M30-F01	0.30 [0.012]
VST-CPS292M38-F01	0.38 [0.015]
VST-CPS292M46-F01	0.46 [0.018]
VST-CPS292M51-F01	0.51 [0.020]



PRODUCT MODEL	SOCKET BORE ØD
VST-CPS292M23-F02	0.23 [0.009]
VST-CPS292M30-F02	0.30 [0.012]
VST-CPS292M38-F02	0.38 [0.015]
VST-CPS292M46-F02	0.46 [0.018]
VST-CPS292M51-F02	0.51 [0.020]

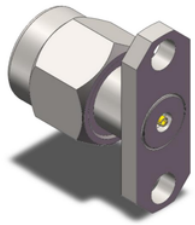


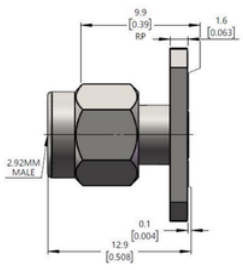
PRODUCT MODEL	SOCKET BORE ØD
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VST-CPS292M30-F03	0.30 [0.012]
VST-CPS292M38-F03	0.38 [0.015]
VST-CPS292M46-F03	0.46 [0.018]
VST-CPS292M51-F03	0.51 [0.020]

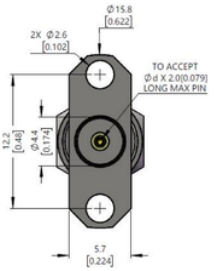
REMOVABLE FLANGE-MOUNT

2.92mm 2-Hole Male Removable Flange Connector

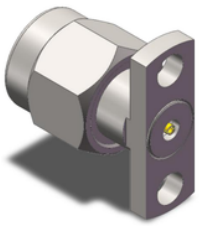
Best for male panel interfaces requiring removable installation in a narrower 2-hole flange format.

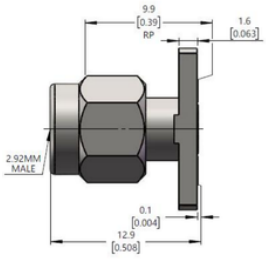


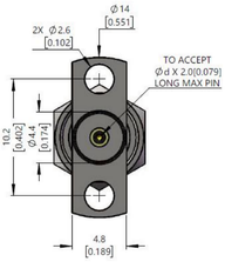




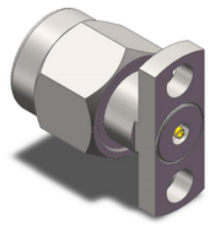
PRODUCT MODEL	SOCKET BORE ØD
VST-CPS292M23-F04	0.23 [0.009]
VST-CPS292M30-F04	0.30 [0.012]
VST-CPS292M38-F04	0.38 [0.015]
VST-CPS292M46-F04	0.46 [0.018]
VST-CPS292M51-F04	0.51 [0.020]

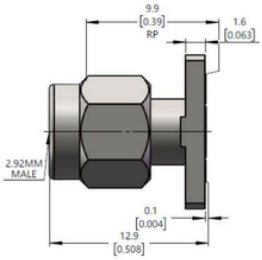


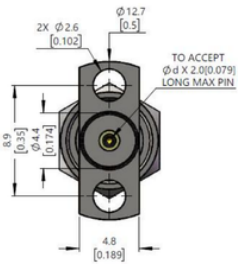




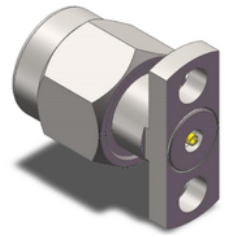
PRODUCT MODEL	SOCKET BORE ØD
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VST-CPS292M38-F05	0.38 [0.015]
VST-CPS292M46-F05	0.46 [0.018]
VST-CPS292M51-F05	0.51 [0.020]

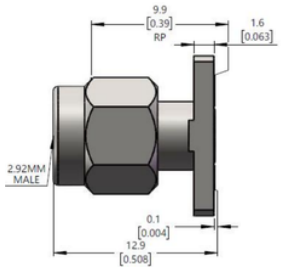


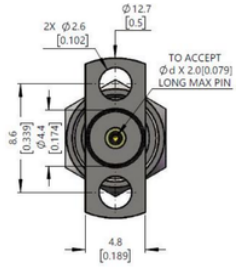




PRODUCT MODEL	SOCKET BORE ØD
VST-CPS292M23-F06	0.23 [0.009]
VST-CPS292M30-F06	0.30 [0.012]
VST-CPS292M38-F06	0.38 [0.015]
VST-CPS292M46-F06	0.46 [0.018]
VST-CPS292M51-F06	0.51 [0.020]







PRODUCT MODEL	SOCKET BORE ØD
VST-CPS292M23-F07	0.23 [0.009]
VST-CPS292M30-F07	0.30 [0.012]
VST-CPS292M38-F07	0.38 [0.015]
VST-CPS292M46-F07	0.46 [0.018]
VST-CPS292M51-F07	0.51 [0.020]

DETAILED SELECTION

Feedthrough Connectors

Feedthrough connectors are used where the RF signal path must pass through a panel, wall, housing or defined transition structure. Vinstronics offers air, dielectric and metal feedthrough formats to match different mechanical requirements.

AIR FEEDTHROUGH

For exposed pass-through geometry

Used where the transition relies on exposed conductor geometry and selectable protrusion length.

DIELECTRIC FEEDTHROUGH

For supported transition structure

Used where a supported dielectric structure is required for controlled pass-through geometry.

METAL FEEDTHROUGH

For compact robust integration

Used where a compact metal-supported transition is preferred for stronger mechanical integration.

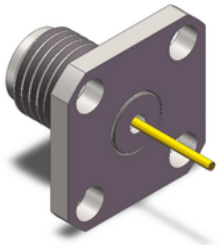
Type	Best for	Key structure	Check first
Air	Panel and wall transition with length flexibility	Exposed conductor path	D, L, flange format
Dielectric	Controlled supported transitions	Dielectric body support	D1, D2, L1, L2
Metal	Compact enclosure transitions	Metal-supported transition	OD1, OD2, L1, L2

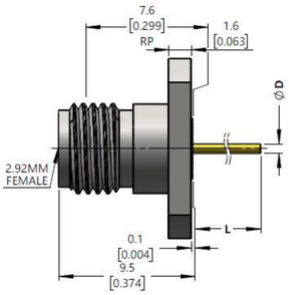
Choose air feedthrough for exposed pass-through geometry and broader length flexibility. Choose dielectric feedthrough where supported dielectric structure is required. Choose metal feedthrough for compact mechanically robust transition designs.

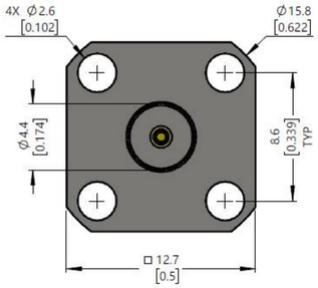
FEEDTHROUGH CONNECTORS

2.92mm Female Air Feedthrough Connector

Best for panel or wall transitions requiring exposed contact geometry and selectable protrusion length.

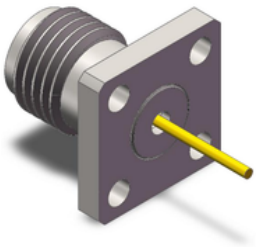


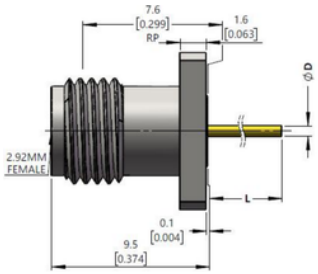


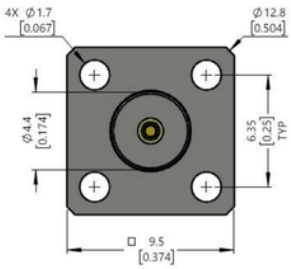


NO.	PRODUCT MODEL	DIAMETER (ØD)	LENGTH (L)
1	VST-CPD292F09-F01-127	0.23 [0.009]	0.5 [0.020]
2	VST-CPD292F09-F01-039	0.23 [0.009]	1 [0.039]
3	VST-CPD292F12-F01-011	0.30 [0.012]	0.3 [0.012]
4	VST-CPD292F12-F01-019	0.30 [0.012]	0.5 [0.020]
5	VST-CPD292F12-F01-059	0.30 [0.012]	1.5 [0.059]
6	VST-CPD292F12-F01-079	0.30 [0.012]	2 [0.079]
7	VST-CPD292F12-F01-276	0.30 [0.012]	7 [0.276]
8	VST-CPD292F12-F01-354	0.30 [0.012]	9 [0.354]
9	VST-CPD292F12-F01-472	0.30 [0.012]	12 [0.472]
10	VST-CPD292F12-F01-50	0.30 [0.012]	12.7 [0.500]
11	VST-CPD292F17-F01-269	0.44 [0.017]	6.84 [0.269]

NO.	PRODUCT MODEL	DIAMETER (ØD)	LENGTH (L)
12	VST-CPD292F17-F01-295	0.44 [0.017]	7.5 [0.295]
13	VST-CPD292F20-F01-590	0.50 [0.020]	15 [0.590]
14	VST-CPD292F25-F01-269	0.64 [0.025]	6.84 [0.269]
15	VST-CPD292F25-F01-430	0.64 [0.025]	10.92 [0.430]
16	VST-CPD292F25-F01-1181	0.64 [0.025]	30 [1.181]
17	VST-CPD292F30-F01-1181	0.75 [0.030]	30 [1.181]
18	VST-CPD292F43-F01-590	1.10 [0.043]	15 [0.590]
19	VST-CPD292F50-F01-319	1.27 [0.050]	8.1 [0.319]
20	VST-CPD292F50-F01-314	1.27 [0.050]	8 [0.314]
21	VST-CPD292F50-F01-393	1.27 [0.050]	10 [0.393]







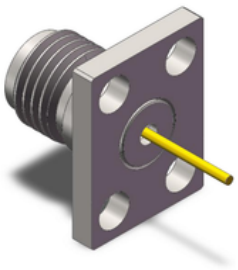
NO.	PRODUCT MODEL	DIAMETER (ØD)	LENGTH (L)
1	VST-CPD292F09-F02-127	0.23 [0.009]	0.5 [0.020]
2	VST-CPD292F09-F02-039	0.23 [0.009]	1 [0.039]
3	VST-CPD292F12-F02-011	0.30 [0.012]	0.3 [0.012]
4	VST-CPD292F12-F02-019	0.30 [0.012]	0.5 [0.020]
5	VST-CPD292F12-F02-059	0.30 [0.012]	1.5 [0.059]
6	VST-CPD292F12-F02-079	0.30 [0.012]	2 [0.079]
7	VST-CPD292F12-F02-276	0.30 [0.012]	7 [0.276]
8	VST-CPD292F12-F02-354	0.30 [0.012]	9 [0.354]
9	VST-CPD292F12-F02-472	0.30 [0.012]	12 [0.472]
10	VST-CPD292F12-F02-50	0.30 [0.012]	12.7 [0.500]
11	VST-CPD292F17-F02-269	0.44 [0.017]	6.84 [0.269]

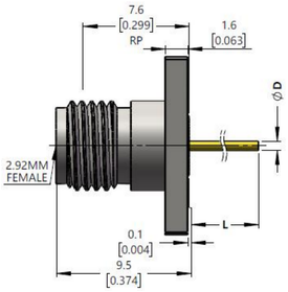
NO.	PRODUCT MODEL	DIAMETER (ØD)	LENGTH (L)
12	VST-CPD292F17-F02-295	0.44 [0.017]	7.5 [0.295]
13	VST-CPD292F20-F02-590	0.50 [0.020]	15 [0.590]
14	VST-CPD292F25-F02-269	0.64 [0.025]	6.84 [0.269]
15	VST-CPD292F25-F02-430	0.64 [0.025]	10.92 [0.430]
16	VST-CPD292F25-F02-1181	0.64 [0.025]	30 [1.181]
17	VST-CPD292F30-F02-1181	0.75 [0.030]	30 [1.181]
18	VST-CPD292F43-F02-590	1.10 [0.043]	15 [0.590]
19	VST-CPD292F50-F02-319	1.27 [0.050]	8.1 [0.319]
20	VST-CPD292F50-F02-314	1.27 [0.050]	8 [0.314]
21	VST-CPD292F50-F02-393	1.27 [0.050]	10 [0.393]

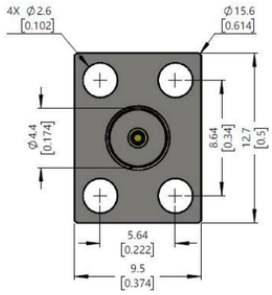
FEEDTHROUGH CONNECTORS

2.92mm Female Air Feedthrough Connector

Best for panel or wall transitions requiring exposed contact geometry and selectable protrusion length.

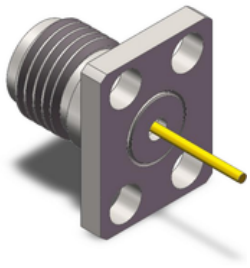


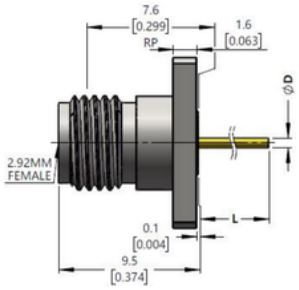


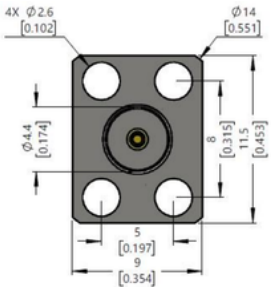


NO.	PRODUCT MODEL	DIAMETER (ØD)	LENGTH (L)
1	VST-CPD292F09-F03-127	0.23 [0.009]	0.5 [0.020]
2	VST-CPD292F09-F03-039	0.23 [0.009]	1 [0.039]
3	VST-CPD292F12-F03-011	0.30 [0.012]	0.3 [0.012]
4	VST-CPD292F12-F03-019	0.30 [0.012]	0.5 [0.020]
5	VST-CPD292F12-F03-059	0.30 [0.012]	1.5 [0.059]
6	VST-CPD292F12-F03-079	0.30 [0.012]	2 [0.079]
7	VST-CPD292F12-F03-276	0.30 [0.012]	7 [0.276]
8	VST-CPD292F12-F03-354	0.30 [0.012]	9 [0.354]
9	VST-CPD292F12-F03-472	0.30 [0.012]	12 [0.472]
10	VST-CPD292F12-F03-50	0.30 [0.012]	12.7 [0.500]
11	VST-CPD292F17-F03-269	0.44 [0.017]	6.84 [0.269]

NO.	PRODUCT MODEL	DIAMETER (ØD)	LENGTH (L)
12	VST-CPD292F17-F03-295	0.44 [0.017]	7.5 [0.295]
13	VST-CPD292F20-F03-590	0.50 [0.020]	15 [0.590]
14	VST-CPD292F25-F03-269	0.64 [0.025]	6.84 [0.269]
15	VST-CPD292F25-F03-430	0.64 [0.025]	10.92 [0.430]
16	VST-CPD292F25-F03-1181	0.64 [0.025]	30 [1.181]
17	VST-CPD292F30-F03-1181	0.75 [0.030]	30 [1.181]
18	VST-CPD292F43-F03-590	1.10 [0.043]	15 [0.590]
19	VST-CPD292F50-F03-319	1.27 [0.050]	8.1 [0.319]
20	VST-CPD292F50-F03-314	1.27 [0.050]	8 [0.314]
21	VST-CPD292F50-F03-393	1.27 [0.050]	10 [0.393]







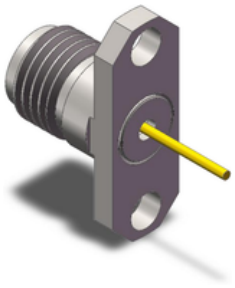
NO.	PRODUCT MODEL	DIAMETER (ØD)	LENGTH (L)
1	VST-CPD292F09-F13-127	0.23 [0.009]	0.5 [0.020]
2	VST-CPD292F09-F13-039	0.23 [0.009]	1 [0.039]
3	VST-CPD292F12-F13-011	0.30 [0.012]	0.3 [0.012]
4	VST-CPD292F12-F13-019	0.30 [0.012]	0.5 [0.020]
5	VST-CPD292F12-F13-059	0.30 [0.012]	1.5 [0.059]
6	VST-CPD292F12-F13-079	0.30 [0.012]	2 [0.079]
7	VST-CPD292F12-F13-276	0.30 [0.012]	7 [0.276]
8	VST-CPD292F12-F13-354	0.30 [0.012]	9 [0.354]
9	VST-CPD292F12-F13-472	0.30 [0.012]	12 [0.472]
10	VST-CPD292F12-F13-50	0.30 [0.012]	12.7 [0.500]
11	VST-CPD292F17-F13-269	0.44 [0.017]	6.84 [0.269]

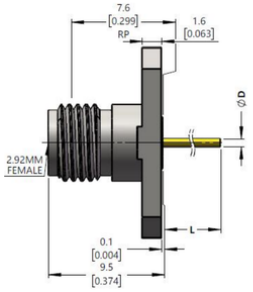
NO.	PRODUCT MODEL	DIAMETER (ØD)	LENGTH (L)
12	VST-CPD292F17-F13-295	0.44 [0.017]	7.5 [0.295]
13	VST-CPD292F20-F13-590	0.50 [0.020]	15 [0.590]
14	VST-CPD292F25-F13-269	0.64 [0.025]	6.84 [0.269]
15	VST-CPD292F25-F13-430	0.64 [0.025]	10.92 [0.430]
16	VST-CPD292F25-F13-1181	0.64 [0.025]	30 [1.181]
17	VST-CPD292F30-F13-1181	0.75 [0.030]	30 [1.181]
18	VST-CPD292F43-F13-590	1.10 [0.043]	15 [0.590]
19	VST-CPD292F50-F13-319	1.27 [0.050]	8.1 [0.319]
20	VST-CPD292F50-F13-314	1.27 [0.050]	8 [0.314]
21	VST-CPD292F50-F13-393	1.27 [0.050]	10 [0.393]

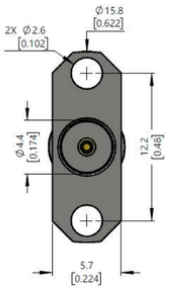
FEEDTHROUGH CONNECTORS

2.92mm Female Air Feedthrough Connector

Best for panel or wall transitions requiring exposed contact geometry and selectable protrusion length.

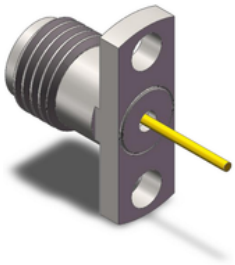


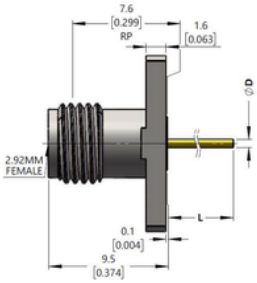


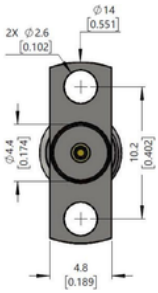


NO.	PRODUCT MODEL	DIAMETER (ØD)	LENGTH (L)
1	VST-CPD292F09-F04-127	0.23 [0.009]	0.5 [0.020]
2	VST-CPD292F09-F04-039	0.23 [0.009]	1 [0.039]
3	VST-CPD292F12-F04-011	0.30 [0.012]	0.3 [0.012]
4	VST-CPD292F12-F04-019	0.30 [0.012]	0.5 [0.020]
5	VST-CPD292F12-F04-059	0.30 [0.012]	1.5 [0.059]
6	VST-CPD292F12-F04-079	0.30 [0.012]	2 [0.079]
7	VST-CPD292F12-F04-276	0.30 [0.012]	7 [0.276]
8	VST-CPD292F12-F04-354	0.30 [0.012]	9 [0.354]
9	VST-CPD292F12-F04-472	0.30 [0.012]	12 [0.472]
10	VST-CPD292F12-F04-50	0.30 [0.012]	12.7 [0.500]
11	VST-CPD292F17-F04-269	0.44 [0.017]	6.84 [0.269]

NO.	PRODUCT MODEL	DIAMETER (ØD)	LENGTH (L)
12	VST-CPD292F17-F04-295	0.44 [0.017]	7.5 [0.295]
13	VST-CPD292F20-F04-590	0.50 [0.020]	15 [0.590]
14	VST-CPD292F25-F04-269	0.64 [0.025]	6.84 [0.269]
15	VST-CPD292F25-F04-430	0.64 [0.025]	10.92 [0.430]
16	VST-CPD292F25-F04-1181	0.64 [0.025]	30 [1.181]
17	VST-CPD292F30-F04-1181	0.75 [0.030]	30 [1.181]
18	VST-CPD292F43-F04-590	1.10 [0.043]	15 [0.590]
19	VST-CPD292F50-F04-319	1.27 [0.050]	8.1 [0.319]
20	VST-CPD292F50-F04-314	1.27 [0.050]	8 [0.314]
21	VST-CPD292F50-F04-393	1.27 [0.050]	10 [0.393]







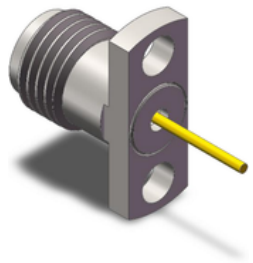
NO.	PRODUCT MODEL	DIAMETER (ØD)	LENGTH (L)
1	VST-CPD292F09-F05-127	0.23 [0.009]	0.5 [0.020]
2	VST-CPD292F09-F05-039	0.23 [0.009]	1 [0.039]
3	VST-CPD292F12-F05-011	0.30 [0.012]	0.3 [0.012]
4	VST-CPD292F12-F05-019	0.30 [0.012]	0.5 [0.020]
5	VST-CPD292F12-F05-059	0.30 [0.012]	1.5 [0.059]
6	VST-CPD292F12-F05-079	0.30 [0.012]	2 [0.079]
7	VST-CPD292F12-F05-276	0.30 [0.012]	7 [0.276]
8	VST-CPD292F12-F05-354	0.30 [0.012]	9 [0.354]
9	VST-CPD292F12-F05-472	0.30 [0.012]	12 [0.472]
10	VST-CPD292F12-F05-50	0.30 [0.012]	12.7 [0.500]
11	VST-CPD292F17-F05-269	0.44 [0.017]	6.84 [0.269]

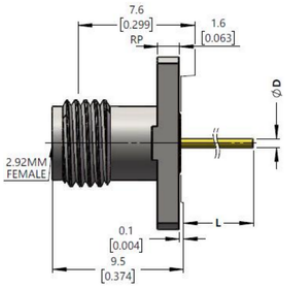
NO.	PRODUCT MODEL	DIAMETER (ØD)	LENGTH (L)
12	VST-CPD292F17-F05-295	0.44 [0.017]	7.5 [0.295]
13	VST-CPD292F20-F05-590	0.50 [0.020]	15 [0.590]
14	VST-CPD292F25-F05-269	0.64 [0.025]	6.84 [0.269]
15	VST-CPD292F25-F05-430	0.64 [0.025]	10.92 [0.430]
16	VST-CPD292F25-F05-1181	0.64 [0.025]	30 [1.181]
17	VST-CPD292F30-F05-1181	0.75 [0.030]	30 [1.181]
18	VST-CPD292F43-F05-590	1.10 [0.043]	15 [0.590]
19	VST-CPD292F50-F05-319	1.27 [0.050]	8.1 [0.319]
20	VST-CPD292F50-F05-314	1.27 [0.050]	8 [0.314]
21	VST-CPD292F50-F05-393	1.27 [0.050]	10 [0.393]

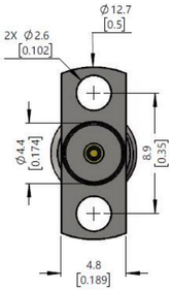
FEEDTHROUGH CONNECTORS

2.92mm Female Air Feedthrough Connector

Best for panel or wall transitions requiring exposed contact geometry and selectable protrusion length.

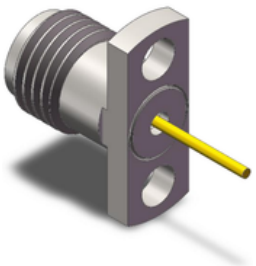


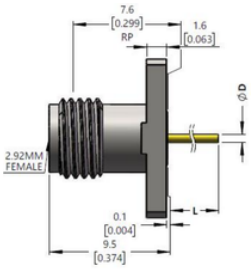


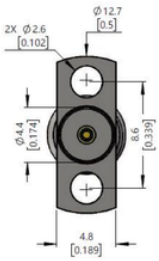


NO.	PRODUCT MODEL	DIAMETER (ØD)	LENGTH (L)
1	VST-CPD292F09-F06-127	0.23 [0.009]	0.5 [0.020]
2	VST-CPD292F09-F06-039	0.23 [0.009]	1 [0.039]
3	VST-CPD292F12-F06-011	0.30 [0.012]	0.3 [0.012]
4	VST-CPD292F12-F06-019	0.30 [0.012]	0.5 [0.020]
5	VST-CPD292F12-F06-059	0.30 [0.012]	1.5 [0.059]
6	VST-CPD292F12-F06-079	0.30 [0.012]	2 [0.079]
7	VST-CPD292F12-F06-276	0.30 [0.012]	7 [0.276]
8	VST-CPD292F12-F06-354	0.30 [0.012]	9 [0.354]
9	VST-CPD292F12-F06-472	0.30 [0.012]	12 [0.472]
10	VST-CPD292F12-F06-50	0.30 [0.012]	12.7 [0.500]
11	VST-CPD292F17-F06-269	0.44 [0.017]	6.84 [0.269]

NO.	PRODUCT MODEL	DIAMETER (ØD)	LENGTH (L)
12	VST-CPD292F17-F06-295	0.44 [0.017]	7.5 [0.295]
13	VST-CPD292F20-F06-590	0.50 [0.020]	15 [0.590]
14	VST-CPD292F25-F06-269	0.64 [0.025]	6.84 [0.269]
15	VST-CPD292F25-F06-430	0.64 [0.025]	10.92 [0.430]
16	VST-CPD292F25-F06-1181	0.64 [0.025]	30 [1.181]
17	VST-CPD292F30-F06-1181	0.75 [0.030]	30 [1.181]
18	VST-CPD292F43-F06-590	1.10 [0.043]	15 [0.590]
19	VST-CPD292F50-F06-319	1.27 [0.050]	8.1 [0.319]
20	VST-CPD292F50-F06-314	1.27 [0.050]	8 [0.314]
21	VST-CPD292F50-F06-393	1.27 [0.050]	10 [0.393]







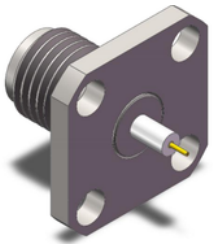
NO.	PRODUCT MODEL	DIAMETER (ØD)	LENGTH (L)
1	VST-CPD292F09-F07-127	0.23 [0.009]	0.5 [0.020]
2	VST-CPD292F09-F07-039	0.23 [0.009]	1 [0.039]
3	VST-CPD292F12-F07-011	0.30 [0.012]	0.3 [0.012]
4	VST-CPD292F12-F07-019	0.30 [0.012]	0.5 [0.020]
5	VST-CPD292F12-F07-059	0.30 [0.012]	1.5 [0.059]
6	VST-CPD292F12-F07-079	0.30 [0.012]	2 [0.079]
7	VST-CPD292F12-F07-276	0.30 [0.012]	7 [0.276]
8	VST-CPD292F12-F07-354	0.30 [0.012]	9 [0.354]
9	VST-CPD292F12-F07-472	0.30 [0.012]	12 [0.472]
10	VST-CPD292F12-F07-50	0.30 [0.012]	12.7 [0.500]
11	VST-CPD292F17-F07-269	0.44 [0.017]	6.84 [0.269]

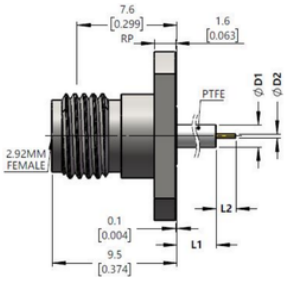
NO.	PRODUCT MODEL	DIAMETER (ØD)	LENGTH (L)
12	VST-CPD292F17-F07-295	0.44 [0.017]	7.5 [0.295]
13	VST-CPD292F20-F07-590	0.50 [0.020]	15 [0.590]
14	VST-CPD292F25-F07-269	0.64 [0.025]	6.84 [0.269]
15	VST-CPD292F25-F07-430	0.64 [0.025]	10.92 [0.430]
16	VST-CPD292F25-F07-1181	0.64 [0.025]	30 [1.181]
17	VST-CPD292F30-F07-1181	0.75 [0.030]	30 [1.181]
18	VST-CPD292F43-F07-590	1.10 [0.043]	15 [0.590]
19	VST-CPD292F50-F07-319	1.27 [0.050]	8.1 [0.319]
20	VST-CPD292F50-F07-314	1.27 [0.050]	8 [0.314]
21	VST-CPD292F50-F07-393	1.27 [0.050]	10 [0.393]

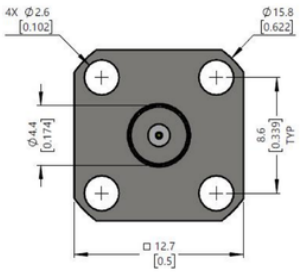
FEEDTHROUGH CONNECTORS

2.92mm Female Dielectric Feedthrough Connector

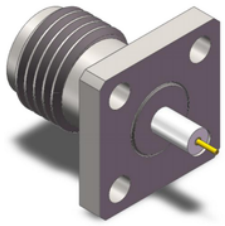
Best for panel or wall transitions requiring dielectric-supported contact geometry and controlled interface structure.

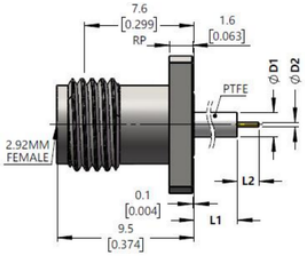


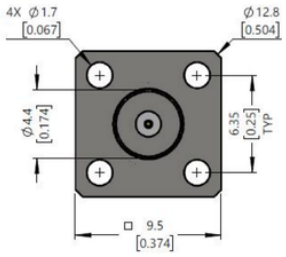




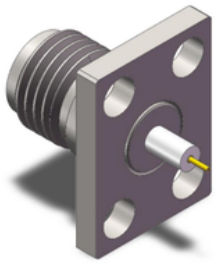
NO.	PRODUCT MODEL	DIELECTRIC DIAMETER (ØD1)	CONTACT DIAMETER (ØD2)	DIELECTRIC LENGTH (L1)	CONTACT LENGTH (L2)
1	VST-CPP292F0403-F01	1.67 [0.066]	0.30 [0.012]	1.4 [0.055]	1.5 [0.059]
2	VST-CPP292F0503-F01	1.67 [0.066]	0.30 [0.012]	3 [0.118]	1.5 [0.059]
3	VST-CPP292F0587-F01	1.67 [0.066]	0.30 [0.012]	3 [0.118]	4.5 [0.177]
4	VST-CPP292F1625-F01	1.80 [0.071]	0.55 [0.022]	6.3 [0.248]	11.9 [0.468]

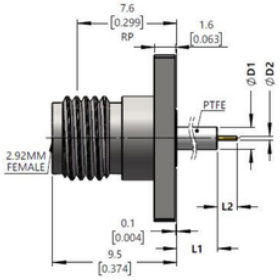


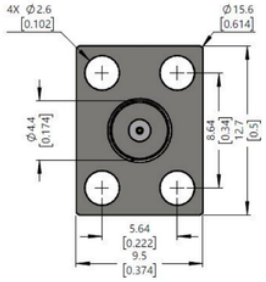




NO.	PRODUCT MODEL	DIELECTRIC DIAMETER (ØD1)	CONTACT DIAMETER (ØD2)	DIELECTRIC LENGTH (L1)	CONTACT LENGTH (L2)
1	VST-CPP292F0403-F02	1.67 [0.066]	0.30 [0.012]	1.4 [0.055]	1.5 [0.059]
2	VST-CPP292F0503-F02	1.67 [0.066]	0.30 [0.012]	3 [0.118]	1.5 [0.059]
3	VST-CPP292F0587-F02	1.67 [0.066]	0.30 [0.012]	3 [0.118]	4.5 [0.177]
4	VST-CPP292F1625-F02	1.80 [0.071]	0.55 [0.022]	6.3 [0.248]	11.9 [0.468]





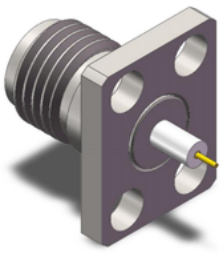


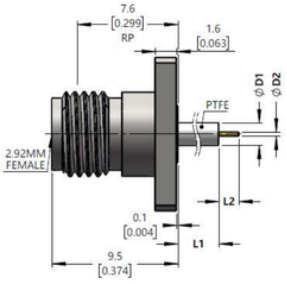
NO.	PRODUCT MODEL	DIELECTRIC DIAMETER (ØD1)	CONTACT DIAMETER (ØD2)	DIELECTRIC LENGTH (L1)	CONTACT LENGTH (L2)
1	VST-CPP292F0403-F03	1.67 [0.066]	0.30 [0.012]	1.4 [0.055]	1.5 [0.059]
2	VST-CPP292F0503-F03	1.67 [0.066]	0.30 [0.012]	3 [0.118]	1.5 [0.059]
3	VST-CPP292F0587-F03	1.67 [0.066]	0.30 [0.012]	3 [0.118]	4.5 [0.177]
4	VST-CPP292F1625-F03	1.80 [0.071]	0.55 [0.022]	6.3 [0.248]	11.9 [0.468]

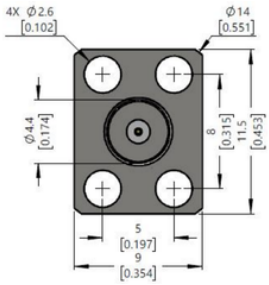
FEEDTHROUGH CONNECTORS

2.92mm Female Dielectric Feedthrough Connector

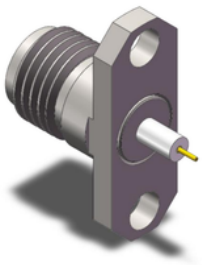
Best for panel or wall transitions requiring dielectric-supported contact geometry and controlled interface structure.

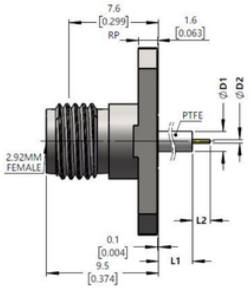


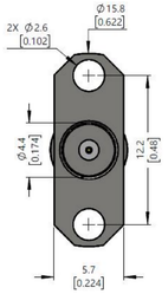




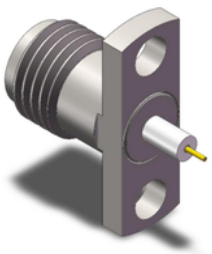
NO.	PRODUCT MODEL	DIELECTRIC DIAMETER (ØD1)	CONTACT DIAMETER (ØD2)	DIELECTRIC LENGTH (L1)	CONTACT LENGTH (L2)
1	VST-CPP292F0403-F13	1.67 [0.066]	0.30 [0.012]	1.4 [0.055]	1.5 [0.059]
2	VST-CPP292F0503-F13	1.67 [0.066]	0.30 [0.012]	3 [0.118]	1.5 [0.059]
3	VST-CPP292F0587-F13	1.67 [0.066]	0.30 [0.012]	3 [0.118]	4.5 [0.177]
4	VST-CPP292F1625-F13	1.80 [0.071]	0.55 [0.022]	6.3 [0.248]	11.9 [0.468]

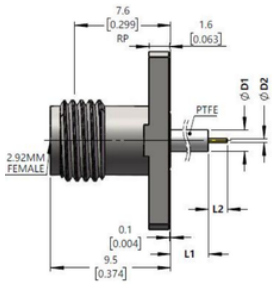


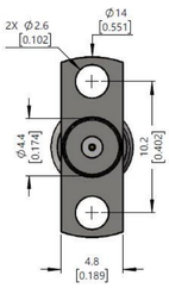




NO.	PRODUCT MODEL	DIELECTRIC DIAMETER (ØD1)	CONTACT DIAMETER (ØD2)	DIELECTRIC LENGTH (L1)	CONTACT LENGTH (L2)
1	VST-CPP292F0403-F04	1.67 [0.066]	0.30 [0.012]	1.4 [0.055]	1.5 [0.059]
2	VST-CPP292F0503-F04	1.67 [0.066]	0.30 [0.012]	3 [0.118]	1.5 [0.059]
3	VST-CPP292F0587-F04	1.67 [0.066]	0.30 [0.012]	3 [0.118]	4.5 [0.177]
4	VST-CPP292F1625-F04	1.80 [0.071]	0.55 [0.022]	6.3 [0.248]	11.9 [0.468]





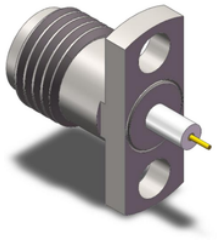


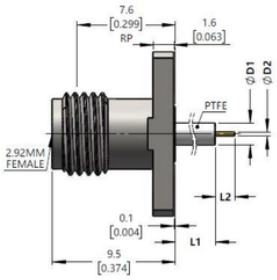
NO.	PRODUCT MODEL	DIELECTRIC DIAMETER (ØD1)	CONTACT DIAMETER (ØD2)	DIELECTRIC LENGTH (L1)	CONTACT LENGTH (L2)
1	VST-CPP292F0403-F05	1.67 [0.066]	0.30 [0.012]	1.4 [0.055]	1.5 [0.059]
2	VST-CPP292F0503-F05	1.67 [0.066]	0.30 [0.012]	3 [0.118]	1.5 [0.059]
3	VST-CPP292F0587-F05	1.67 [0.066]	0.30 [0.012]	3 [0.118]	4.5 [0.177]
4	VST-CPP292F1625-F05	1.80 [0.071]	0.55 [0.022]	6.3 [0.248]	11.9 [0.468]

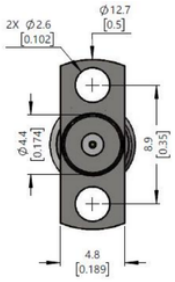
FEEDTHROUGH CONNECTORS

2.92mm Female Metal Feedthrough Connector

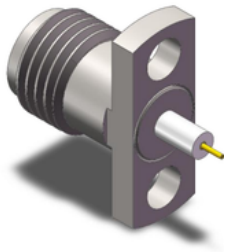
Best for panel or wall transitions requiring robust metal-supported contact geometry and compact structural support.

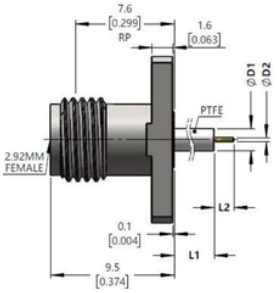


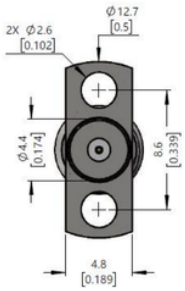




NO.	PRODUCT MODEL	METAL DIAMETER (ØD1)	CONTACT DIAMETER (ØD2)	METAL LENGTH (L1)	CONTACT LENGTH (L2)
1	VST-CPP292F0403-F06	1.67 [0.066]	0.30 [0.012]	1.4 [0.055]	1.5 [0.059]
2	VST-CPP292F0503-F06	1.67 [0.066]	0.30 [0.012]	3 [0.118]	1.5 [0.059]
3	VST-CPP292F0587-F06	1.67 [0.066]	0.30 [0.012]	3 [0.118]	4.5 [0.177]
4	VST-CPP292F1625-F06	1.80 [0.071]	0.55 [0.022]	6.3 [0.248]	11.9 [0.468]





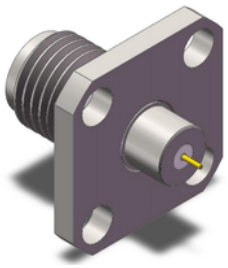


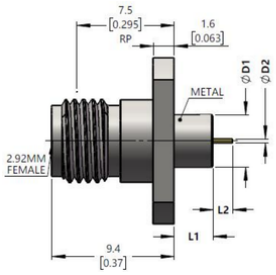
NO.	PRODUCT MODEL	METAL DIAMETER (ØD1)	CONTACT DIAMETER (ØD2)	METAL LENGTH (L1)	CONTACT LENGTH (L2)
1	VST-CPP292F0403-F07	1.67 [0.066]	0.30 [0.012]	1.4 [0.055]	1.5 [0.059]
2	VST-CPP292F0503-F07	1.67 [0.066]	0.30 [0.012]	3 [0.118]	1.5 [0.059]
3	VST-CPP292F0587-F07	1.67 [0.066]	0.30 [0.012]	3 [0.118]	4.5 [0.177]
4	VST-CPP292F1625-F07	1.80 [0.071]	0.55 [0.022]	6.3 [0.248]	11.9 [0.468]

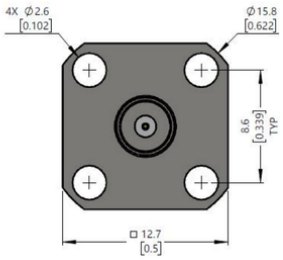
FEEDTHROUGH CONNECTORS

2.92mm Female Metal Feedthrough Connector

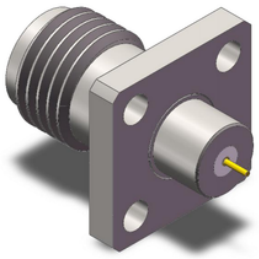
Best for panel or wall transitions requiring robust metal-supported contact geometry and compact structural support.

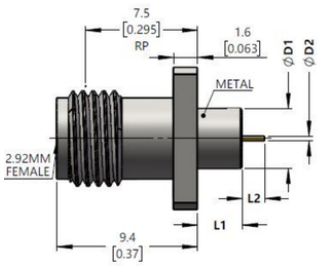


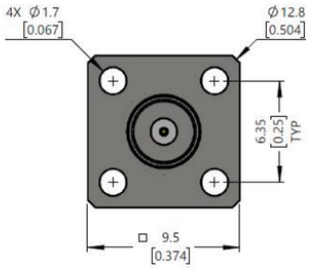




NO.	PRODUCT MODEL	METAL DIAMETER (ØD1)	CONTACT DIAMETER (ØD2)	METAL LENGTH (L1)	CONTACT LENGTH (L2)
1	VST-CPM292F0501-F01	4.0 [0.157]	0.20 [0.008]	3 [0.118]	1.5 [0.059]
2	VST-CPM292F0403-F01	4.0 [0.157]	0.30 [0.012]	1.4 [0.055]	1.5 [0.059]
3	VST-CPM292F0503-F01	4.0 [0.157]	0.30 [0.012]	3 [0.118]	1.5 [0.059]
4	VST-CPM292F1903-F01	4.0 [0.157]	0.30 [0.012]	3 [0.118]	5 [0.197]
5	VST-CPM292F2503-F01	4.0 [0.157]	0.30 [0.012]	3.2 [0.126]	1.5 [0.059]
6	VST-CPM292F0315-F01	4.0 [0.157]	0.30 [0.012]	4 [0.157]	1 [0.039]
7	VST-CPM292F1102-F01	4.0 [0.157]	0.30 [0.012]	10.1 [0.398]	0.5 [0.020]
8	VST-CPM292F0202-F01	4.0 [0.157]	0.38 [0.015]	3 [0.118]	2 [0.079]
9	VST-CPM292F1505-F01	4.0 [0.157]	0.60 [0.024]	4 [0.157]	1.27 [0.050]
10	VST-CPM292F1105-F01	4.0 [0.157]	0.60 [0.024]	10.1 [0.398]	1.27 [0.050]





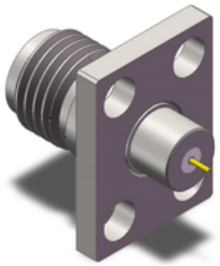


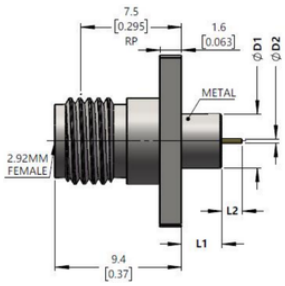
NO.	PRODUCT MODEL	METAL DIAMETER (ØD1)	CONTACT DIAMETER (ØD2)	METAL LENGTH (L1)	CONTACT LENGTH (L2)
1	VST-CPM292F0501-F02	4.0 [0.157]	0.20 [0.008]	3 [0.118]	1.5 [0.059]
2	VST-CPM292F0403-F02	4.0 [0.157]	0.30 [0.012]	1.4 [0.055]	1.5 [0.059]
3	VST-CPM292F0503-F02	4.0 [0.157]	0.30 [0.012]	3 [0.118]	1.5 [0.059]
4	VST-CPM292F1903-F02	4.0 [0.157]	0.30 [0.012]	3 [0.118]	5 [0.197]
5	VST-CPM292F2503-F02	4.0 [0.157]	0.30 [0.012]	3.2 [0.126]	1.5 [0.059]
6	VST-CPM292F0315-F02	4.0 [0.157]	0.30 [0.012]	4 [0.157]	1 [0.039]
7	VST-CPM292F1102-F02	4.0 [0.157]	0.30 [0.012]	10.1 [0.398]	0.5 [0.020]
8	VST-CPM292F0202-F02	4.0 [0.157]	0.38 [0.015]	3 [0.118]	2 [0.079]
9	VST-CPM292F1505-F02	4.0 [0.157]	0.60 [0.024]	4 [0.157]	1.27 [0.050]
10	VST-CPM292F1105-F02	4.0 [0.157]	0.60 [0.024]	10.1 [0.398]	1.27 [0.050]

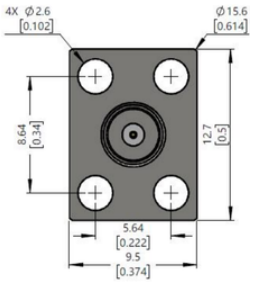
FEEDTHROUGH CONNECTORS

2.92mm Female Metal Feedthrough Connector

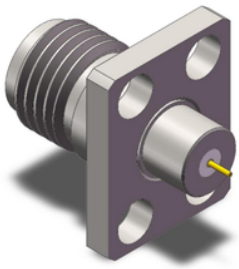
Best for panel or wall transitions requiring robust metal-supported contact geometry and compact structural support.

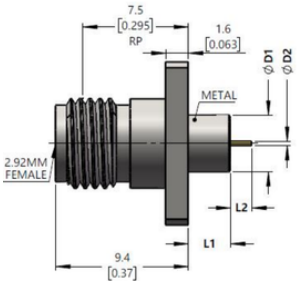


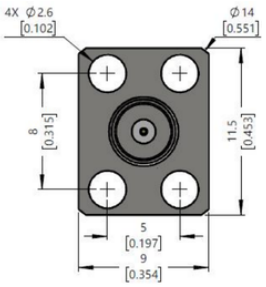




NO.	PRODUCT MODEL	METAL DIAMETER (ØD1)	CONTACT DIAMETER (ØD2)	METAL LENGTH (L1)	CONTACT LENGTH (L2)
1	VST-CPM292F0501-F03	4.0 [0.157]	0.20 [0.008]	3 [0.118]	1.5 [0.059]
2	VST-CPM292F0403-F03	4.0 [0.157]	0.30 [0.012]	1.4 [0.055]	1.5 [0.059]
3	VST-CPM292F0503-F03	4.0 [0.157]	0.30 [0.012]	3 [0.118]	1.5 [0.059]
4	VST-CPM292F1903-F03	4.0 [0.157]	0.30 [0.012]	3 [0.118]	5 [0.197]
5	VST-CPM292F2503-F03	4.0 [0.157]	0.30 [0.012]	3.2 [0.126]	1.5 [0.059]
6	VST-CPM292F0315-F03	4.0 [0.157]	0.30 [0.012]	4 [0.157]	1 [0.039]
7	VST-CPM292F1102-F03	4.0 [0.157]	0.30 [0.012]	10.1 [0.398]	0.5 [0.020]
8	VST-CPM292F0202-F03	4.0 [0.157]	0.38 [0.015]	3 [0.118]	2 [0.079]
9	VST-CPM292F1505-F03	4.0 [0.157]	0.60 [0.024]	4 [0.157]	1.27 [0.050]
10	VST-CPM292F1105-F03	4.0 [0.157]	0.60 [0.024]	10.1 [0.398]	1.27 [0.050]





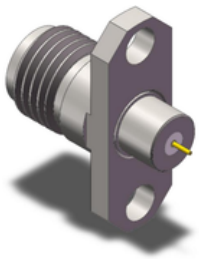


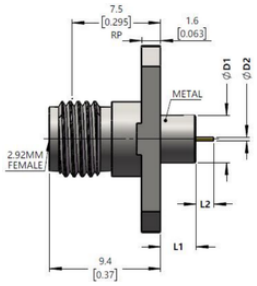
NO.	PRODUCT MODEL	METAL DIAMETER (ØD1)	CONTACT DIAMETER (ØD2)	METAL LENGTH (L1)	CONTACT LENGTH (L2)
1	VST-CPM292F0501-F13	4.0 [0.157]	0.20 [0.008]	3 [0.118]	1.5 [0.059]
2	VST-CPM292F0403-F13	4.0 [0.157]	0.30 [0.012]	1.4 [0.055]	1.5 [0.059]
3	VST-CPM292F0503-F13	4.0 [0.157]	0.30 [0.012]	3 [0.118]	1.5 [0.059]
4	VST-CPM292F1903-F13	4.0 [0.157]	0.30 [0.012]	3 [0.118]	5 [0.197]
5	VST-CPM292F2503-F13	4.0 [0.157]	0.30 [0.012]	3.2 [0.126]	1.5 [0.059]
6	VST-CPM292F0315-F13	4.0 [0.157]	0.30 [0.012]	4 [0.157]	1 [0.039]
7	VST-CPM292F1102-F13	4.0 [0.157]	0.30 [0.012]	10.1 [0.398]	0.5 [0.020]
8	VST-CPM292F0202-F13	4.0 [0.157]	0.38 [0.015]	3 [0.118]	2 [0.079]
9	VST-CPM292F1505-F13	4.0 [0.157]	0.60 [0.024]	4 [0.157]	1.27 [0.050]
10	VST-CPM292F1105-F13	4.0 [0.157]	0.60 [0.024]	10.1 [0.398]	1.27 [0.050]

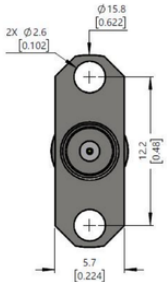
FEEDTHROUGH CONNECTORS

2.92mm Female Metal Feedthrough Connector

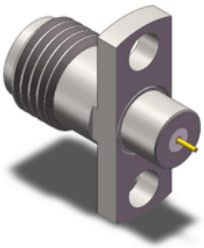
Best for panel or wall transitions requiring robust metal-supported contact geometry and compact structural support.

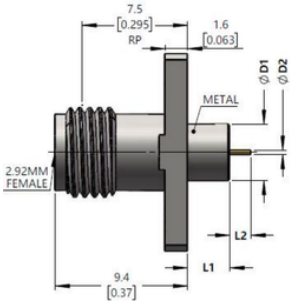


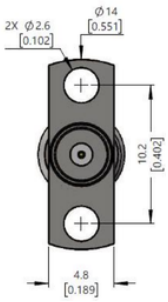




NO.	PRODUCT MODEL	METAL DIAMETER (ØD1)	CONTACT DIAMETER (ØD2)	METAL LENGTH (L1)	CONTACT LENGTH (L2)
1	VST-CPM292F0501-F04	4.0 [0.157]	0.20 [0.008]	3 [0.118]	1.5 [0.059]
2	VST-CPM292F0403-F04	4.0 [0.157]	0.30 [0.012]	1.4 [0.055]	1.5 [0.059]
3	VST-CPM292F0503-F04	4.0 [0.157]	0.30 [0.012]	3 [0.118]	1.5 [0.059]
4	VST-CPM292F1903-F04	4.0 [0.157]	0.30 [0.012]	3 [0.118]	5 [0.197]
5	VST-CPM292F2503-F04	4.0 [0.157]	0.30 [0.012]	3.2 [0.126]	1.5 [0.059]
6	VST-CPM292F0315-F04	4.0 [0.157]	0.30 [0.012]	4 [0.157]	1 [0.039]
7	VST-CPM292F1102-F04	4.0 [0.157]	0.30 [0.012]	10.1 [0.398]	0.5 [0.020]
8	VST-CPM292F0202-F04	4.0 [0.157]	0.38 [0.015]	3 [0.118]	2 [0.079]
9	VST-CPM292F1505-F04	4.0 [0.157]	0.60 [0.024]	4 [0.157]	1.27 [0.050]
10	VST-CPM292F1105-F04	4.0 [0.157]	0.60 [0.024]	10.1 [0.398]	1.27 [0.050]





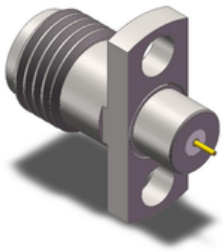


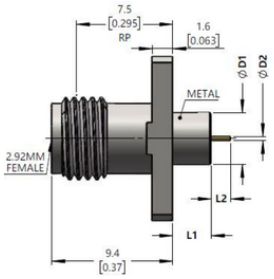
NO.	PRODUCT MODEL	METAL DIAMETER (ØD1)	CONTACT DIAMETER (ØD2)	METAL LENGTH (L1)	CONTACT LENGTH (L2)
1	VST-CPM292F0501-F05	4.0 [0.157]	0.20 [0.008]	3 [0.118]	1.5 [0.059]
2	VST-CPM292F0403-F05	4.0 [0.157]	0.30 [0.012]	1.4 [0.055]	1.5 [0.059]
3	VST-CPM292F0503-F05	4.0 [0.157]	0.30 [0.012]	3 [0.118]	1.5 [0.059]
4	VST-CPM292F1903-F05	4.0 [0.157]	0.30 [0.012]	3 [0.118]	5 [0.197]
5	VST-CPM292F2503-F05	4.0 [0.157]	0.30 [0.012]	3.2 [0.126]	1.5 [0.059]
6	VST-CPM292F0315-F05	4.0 [0.157]	0.30 [0.012]	4 [0.157]	1 [0.039]
7	VST-CPM292F1102-F05	4.0 [0.157]	0.30 [0.012]	10.1 [0.398]	0.5 [0.020]
8	VST-CPM292F0202-F05	4.0 [0.157]	0.38 [0.015]	3 [0.118]	2 [0.079]
9	VST-CPM292F1505-F05	4.0 [0.157]	0.60 [0.024]	4 [0.157]	1.27 [0.050]
10	VST-CPM292F1105-F05	4.0 [0.157]	0.60 [0.024]	10.1 [0.398]	1.27 [0.050]

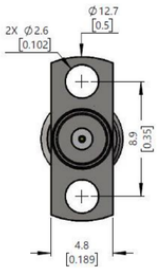
FEEDTHROUGH CONNECTORS

2.92mm Female Metal Feedthrough Connector

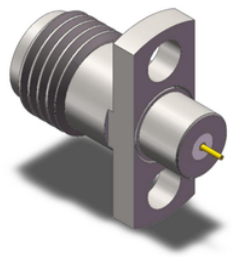
Best for panel or wall transitions requiring robust metal-supported contact geometry and compact structural support.

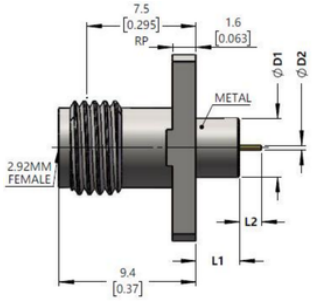


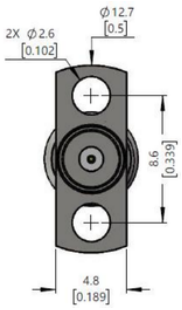




NO.	PRODUCT MODEL	METAL DIAMETER (ØD1)	CONTACT DIAMETER (ØD2)	METAL LENGTH (L1)	CONTACT LENGTH (L2)
1	VST-CPM292F0501-F06	4.0 [0.157]	0.20 [0.008]	3 [0.118]	1.5 [0.059]
2	VST-CPM292F0403-F06	4.0 [0.157]	0.30 [0.012]	1.4 [0.055]	1.5 [0.059]
3	VST-CPM292F0503-F06	4.0 [0.157]	0.30 [0.012]	3 [0.118]	1.5 [0.059]
4	VST-CPM292F1903-F06	4.0 [0.157]	0.30 [0.012]	3 [0.118]	5 [0.197]
5	VST-CPM292F2503-F06	4.0 [0.157]	0.30 [0.012]	3.2 [0.126]	1.5 [0.059]
6	VST-CPM292F0315-F06	4.0 [0.157]	0.30 [0.012]	4 [0.157]	1 [0.039]
7	VST-CPM292F1102-F06	4.0 [0.157]	0.30 [0.012]	10.1 [0.398]	0.5 [0.020]
8	VST-CPM292F0202-F06	4.0 [0.157]	0.38 [0.015]	3 [0.118]	2 [0.079]
9	VST-CPM292F1505-F06	4.0 [0.157]	0.60 [0.024]	4 [0.157]	1.27 [0.050]
10	VST-CPM292F1105-F06	4.0 [0.157]	0.60 [0.024]	10.1 [0.398]	1.27 [0.050]







NO.	PRODUCT MODEL	METAL DIAMETER (ØD1)	CONTACT DIAMETER (ØD2)	METAL LENGTH (L1)	CONTACT LENGTH (L2)
1	VST-CPM292F0501-F07	4.0 [0.157]	0.20 [0.008]	3 [0.118]	1.5 [0.059]
2	VST-CPM292F0403-F07	4.0 [0.157]	0.30 [0.012]	1.4 [0.055]	1.5 [0.059]
3	VST-CPM292F0503-F07	4.0 [0.157]	0.30 [0.012]	3 [0.118]	1.5 [0.059]
4	VST-CPM292F1903-F07	4.0 [0.157]	0.30 [0.012]	3 [0.118]	5 [0.197]
5	VST-CPM292F2503-F07	4.0 [0.157]	0.30 [0.012]	3.2 [0.126]	1.5 [0.059]
6	VST-CPM292F0315-F07	4.0 [0.157]	0.30 [0.012]	4 [0.157]	1 [0.039]
7	VST-CPM292F1102-F07	4.0 [0.157]	0.30 [0.012]	10.1 [0.398]	0.5 [0.020]
8	VST-CPM292F0202-F07	4.0 [0.157]	0.38 [0.015]	3 [0.118]	2 [0.079]
9	VST-CPM292F1505-F07	4.0 [0.157]	0.60 [0.024]	4 [0.157]	1.27 [0.050]
10	VST-CPM292F1105-F07	4.0 [0.157]	0.60 [0.024]	10.1 [0.398]	1.27 [0.050]

DETAILED SELECTION

Compact Interface & PCB Transition Connectors

For compact 2.92mm RF transitions where the connector either installs directly into a threaded structure or launches into a PCB-related interface.

HOW TO CHOOSE ON THIS PAGE

— CHOOSE THREADED INPUT WHEN

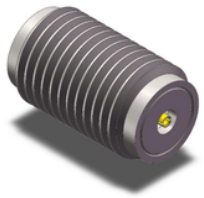
Direct threaded installation is required and the connector serves as a compact receptacle-style RF entry point.

— CHOOSE PCB ADAPTER WHEN

The RF path transitions into a PCB-related geometry where board thickness, launch shape and local transition structure drive the selection.

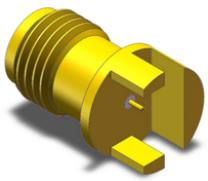
01 - THREADED INPUT CONNECTORS

- Best for compact panel interfaces requiring threaded installation and direct receptacle-style input geometry.
- Suitable for dense structural layouts where flange mounting is not preferred.
- Check receptacle size, body length and final mating condition first.



02 - PCB ADAPTER CONNECTORS

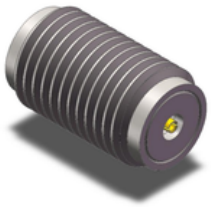
- Best for connector-to-board transitions requiring controlled launch geometry and board-thickness matching.
- Suitable for RF PCBs, test boards and compact board-side interconnect structures.
- Check board thickness, launch shape and local transition geometry first.

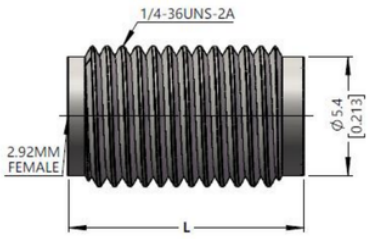


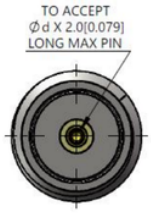
THREADED INPUT

2.92mm Female Threaded Input Connector

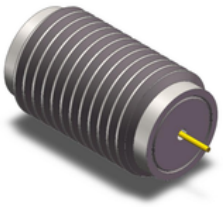
Best for compact panel interfaces requiring threaded installation and direct receptacle-style input geometry.

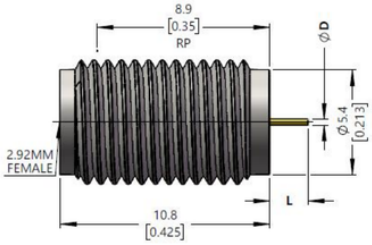






NO.	PRODUCT MODEL	RECEPTACLE ID (ØD)	BODY LENGTH (L)
1	VST-CPS292F30-Y01	0.30 [0.012]	9.9 [0.390]
2	VST-CPS292F23-Y02	0.23 [0.009]	10.8 [0.425]
3	VST-CPS292F30-Y02	0.30 [0.012]	10.8 [0.425]
4	VST-CPS292F38-Y02	0.38 [0.015]	10.8 [0.425]
5	VST-CPS292F46-Y02	0.46 [0.018]	10.8 [0.425]
6	VST-CPS292F51-Y02	0.51 [0.020]	10.8 [0.425]

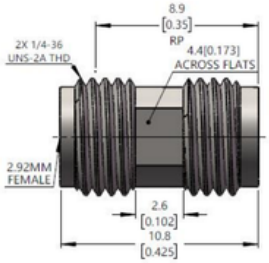


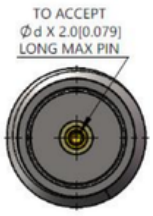




NO.	PRODUCT MODEL	PIN OD (ØD)	PIN LENGTH (L)
1	VST-CPD292F12-Y02-047	0.30 [0.012]	1.2 [0.047]
2	VST-CPD292F12-Y02-080	0.30 [0.012]	2.0 [0.080]





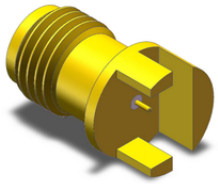


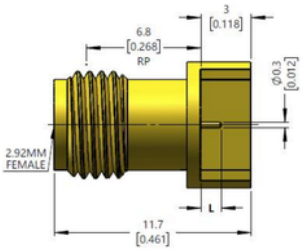
PRODUCT MODEL	RECEPTACLE ID (ØD)
VST-CPS292F23-Y02-Z01	0.23 [0.009]
VST-CPS292F30-Y02-Z01	0.30 [0.012]
VST-CPS292F38-Y02-Z01	0.38 [0.015]
VST-CPS292F46-Y02-Z01	0.46 [0.018]
VST-CPS292F51-Y02-Z01	0.51 [0.020]

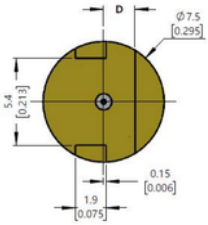
PCB ADAPTER

2.92mm PCB Adapter Connector

Best for connector-to-board transitions requiring controlled launch geometry and board-thickness matching.

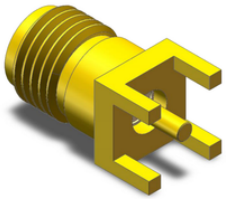


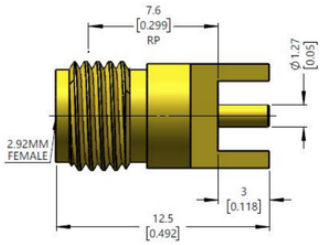


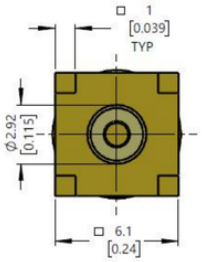


NO.	PRODUCT MODEL	DISTANCE (D)	LENGTH (L)	RECOMMENDED BOARD THICKNESS
1	VST-CPB292F12-E01-023	1.93 [0.076]	0.60 [0.023]	1.78 [0.070]
2	VST-CPB292F12-E01-048	1.93 [0.076]	1.22 [0.048]	1.78 [0.070]
3	VST-CPB292F12-E02-023	0.76 [0.030]	0.60 [0.023]	0.61 [0.024]
4	VST-CPB292F12-E02-048	0.76 [0.030]	1.22 [0.048]	0.61 [0.024]
5	VST-CPB292F12-E03-023	1.02 [0.040]	0.60 [0.023]	0.87 [0.034]
6	VST-CPB292F12-E03-048	1.02 [0.040]	1.22 [0.048]	0.87 [0.034]
7	VST-CPB292F12-E06-023	2.15 [0.085]	0.60 [0.023]	2.00 [0.079]
8	VST-CPB292F12-E06-048	2.15 [0.085]	1.22 [0.048]	2.00 [0.079]
9	VST-CPB292F12-E07-023	2.25 [0.089]	0.60 [0.023]	2.10 [0.083]
10	VST-CPB292F12-E07-048	2.25 [0.089]	1.22 [0.048]	2.10 [0.083]
11	VST-CPB292F12-E04-023	1.50 [0.059]	0.60 [0.023]	1.35 [0.053]
12	VST-CPB292F12-E04-048	1.50 [0.059]	1.22 [0.048]	1.35 [0.053]

PRODUCT MODEL	VST-CPB292F50-H01-118







DETAILED SELECTION

Board-Level Launch Connectors

For 2.92mm RF transitions into PCB structures, either through vertical board entry or controlled board-edge launch geometry.

HOW TO CHOOSE ON THIS PAGE

— CHOOSE VERTICAL MOUNT WHEN

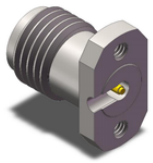
The RF path enters the PCB vertically and footprint, mounting height and local clearance are the main constraints.

— CHOOSE END LAUNCH WHEN

The RF path launches from the board edge and must align with the PCB edge geometry and controlled launch structure.

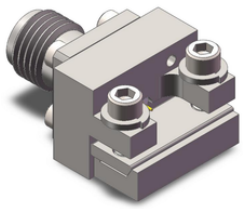
01 - VERTICAL MOUNT ADAPTER CONNECTORS

- Best for vertical PCB transitions requiring compact board-entry geometry and controlled mounting height
- Suitable for board-side RF interfaces where the signal enters perpendicular to the board plane
- Check footprint, entry height and local clearance first



02 - END LAUNCH CONNECTORS

- Best for board-edge RF transitions requiring controlled edge launch geometry
- Suitable for microwave test boards, evaluation boards and fixture-side PCB launches
- Check board-edge geometry, contact size and launch structure first



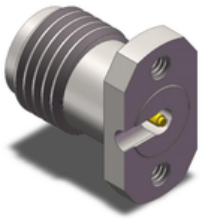
VERTICAL

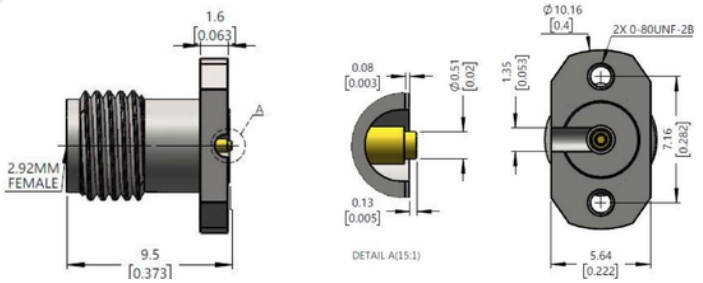
2.92mm Vertical Mount Adapter Connector

Best for vertical PCB transitions requiring compact board-entry geometry and controlled mounting height.

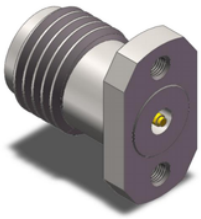
Typical for compact vertical board-entry layouts where local footprint and entry height are tightly constrained.

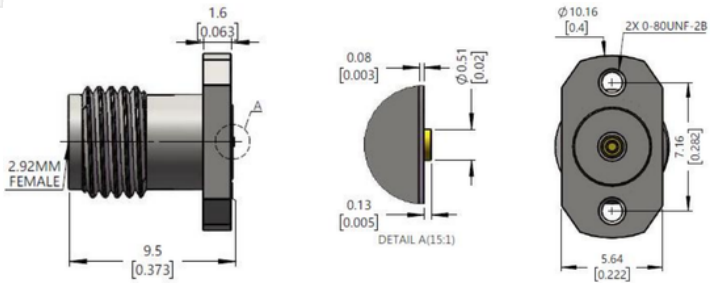
PRODUCT MODEL	VST-CPD292F1351-F09





PRODUCT MODEL	VST-CPD292F1351-F09E

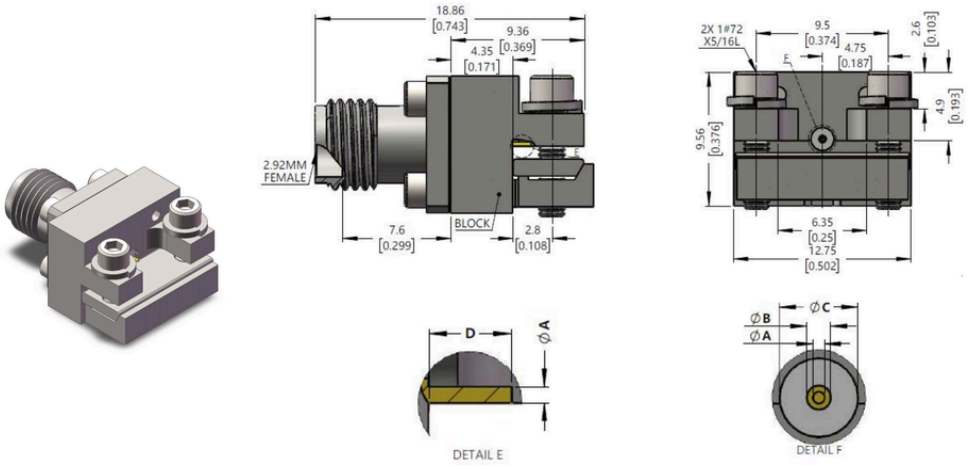




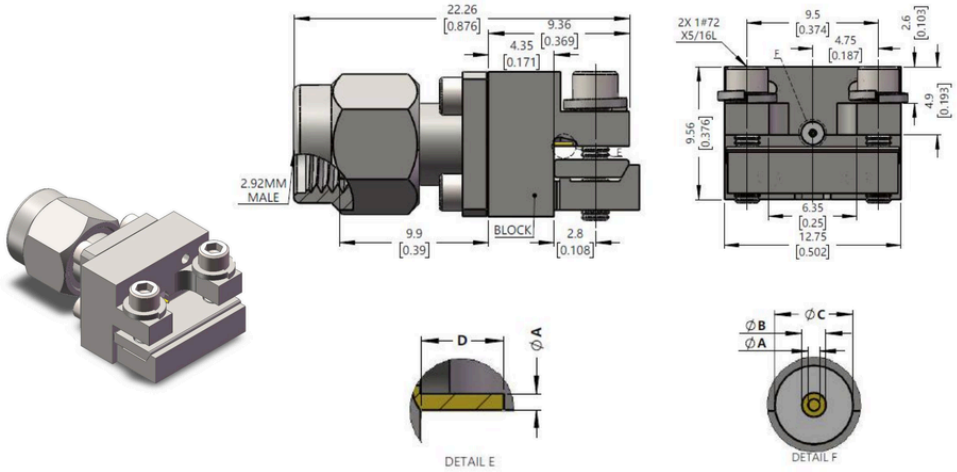
END LAUNCH

2.92mm End Launch Connector

Best for board-edge RF transitions requiring controlled edge launch geometry.



NO.	PRODUCT MODEL	PIN DIAMETER A	PIN DIAMETER B	DIELECTRIC DIAMETER C	PIN LENGTH D
1	VST-CPEL292F2305-A06	0.13 [0.005]	0.23 [0.009]	0.75 [0.030]	0.75 [0.030]
2	VST-CPEL292F2304-A06	0.23 [0.009]	0.23 [0.009]	0.75 [0.030]	0.75 [0.030]
3	VST-CPEL292F3005-A06	0.18 [0.007]	0.30 [0.012]	1.00 [0.039]	0.75 [0.030]
4	VST-CPEL292F5105-A06	0.25 [0.010]	0.51 [0.020]	1.66 [0.065]	1.27 [0.050]



NO.	PRODUCT MODEL	PIN DIAMETER A	PIN DIAMETER B	DIELECTRIC DIAMETER C	PIN LENGTH D
1	VST-CPEL292M2305-A07	0.13 [0.005]	0.23 [0.009]	0.75 [0.030]	0.75 [0.030]
2	VST-CPEL292M2304-A07	0.23 [0.009]	0.23 [0.009]	0.75 [0.030]	0.75 [0.030]
3	VST-CPEL292M3005-A07	0.18 [0.007]	0.30 [0.012]	1.00 [0.039]	0.75 [0.030]
4	VST-CPEL292M5105-A07	0.25 [0.010]	0.51 [0.020]	1.66 [0.065]	1.27 [0.050]

*PCB stack-up, launch geometry and grounding pattern should be confirmed before final selection.

Precision RF Interconnect Solutions

Vinstronics

COMPANY

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www.vinstronics.com

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