

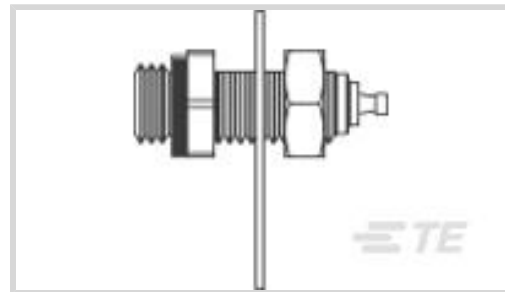
**Microdot**

TE Internal #: 1466288-1

SMB RF Interface, Receptacle, 50 Ω , Screw, 1 Position, Sealable,
Wire & Cable, Panel Mount, -55 – 125 °C, Turret Pin / Solder Lug,
Straight, Brass

[View on TE.com >](#)

Connectors > RF Connectors > Coax Connectors

RF Interface: **SMB**RF Connector Style: **Receptacle**RF Connector Mated Outer Diameter (Approximate): **4.75 mm [.187 in]**Impedance: **50 Ω** RF Connector Coupling Mechanism: **Screw****Features****Product Type Features**

| | |
|-----------------------------------|--------------------|
| Connector Shape | Circular |
| Connector Product Type | Connector Assembly |
| Connector Seal & Plug Type | Gasket |
| RF Interface | SMB |
| RF Connector Style | Receptacle |
| Sealable | Yes |
| Connector & Contact Terminates To | Wire & Cable |

Configuration Features

| | |
|----------------------------|---|
| Number of Positions | 1 |
| Number of Coaxial Contacts | 1 |

Electrical Characteristics

| | |
|-----------|-------------|
| Impedance | 50 Ω |
|-----------|-------------|

Body Features

| | |
|-----------------------------|----------|
| Cable Connector Orientation | Straight |
| Body Material | Brass |
| Body Material Finish | Plated |
| Body Plating Material | Silver |

Contact Features



| | |
|--|------|
| RF Connector Center Contact Plating Material | Gold |
|--|------|

| | |
|--------------------------------------|------------------|
| RF Connector Center Contact Material | Beryllium Copper |
|--------------------------------------|------------------|

Termination Features

| | |
|------------------------------------|------------------------|
| Termination Method to Wire & Cable | Solder Lug, Turret Pin |
|------------------------------------|------------------------|

Mechanical Attachment

| | |
|--------------------------|---------|
| Panel Mount Feature Type | Jam Nut |
|--------------------------|---------|

| | |
|---------------------------------|-------|
| RF Connector Coupling Mechanism | Screw |
|---------------------------------|-------|

| | |
|-------------------------|-------------|
| Connector Mounting Type | Panel Mount |
|-------------------------|-------------|

| | |
|-------------------------------|-------|
| RF Contact Captivation Method | Screw |
|-------------------------------|-------|

Dimensions

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|-------------------------------|------------------|
| Panel Thickness (Recommended) | 4.06 mm [.16 in] |
|-------------------------------|------------------|

| | |
|---|-------------------|
| RF Connector Mated Outer Diameter (Approximate) | 4.75 mm [.187 in] |
|---|-------------------|

Usage Conditions

| | |
|-----------------------------|--------------|
| Operating Temperature Range | -55 – 125 °C |
|-----------------------------|--------------|

Packaging Features

| | |
|------------------|---------|
| Packaging Method | Package |
|------------------|---------|

Other

| | |
|-------|------------|
| Grade | Commercial |
|-------|------------|

| | |
|---------------------|------|
| Dielectric Material | PTFE |
|---------------------|------|

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

| | |
|------------------------------|-----------|
| EU RoHS Directive 2011/65/EU | Compliant |
|------------------------------|-----------|

| | |
|-----------------------------|-----------|
| EU ELV Directive 2000/53/EC | Compliant |
|-----------------------------|-----------|

| | |
|---|---|
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |
|---|---|

| | |
|--|--|
| EU REACH Regulation (EC) No. 1907/2006 | <p>Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUL 2021 (219) SVHC > Threshold: Pb (.4% in Component part)</p> |
|--|--|

Article Safe Usage Statements:

Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

| | |
|-----------------|--|
| Halogen Content | Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR |
|-----------------|--|

/CFR/PVC Free

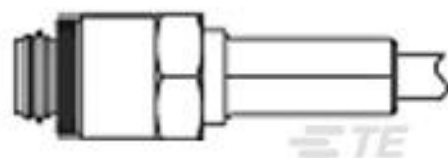
Solder Process Capability

Pin-in-Paste capable to 260°C

Product Compliance Disclaimer

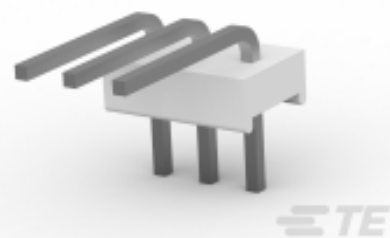
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



TE Part # 1467952-1
131-0134-0001

Customers Also Bought



TE Part #1-640453-0
PCB Header: Polyester, Right Angle, Unshrouded



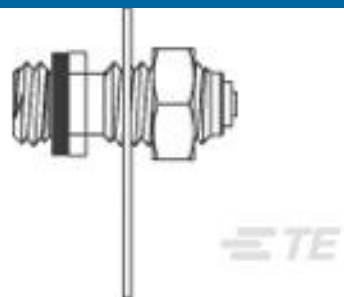
TE Part #7-6609107-0
CORCOM P SERIES MULTI-FUNCTION INLET FIL



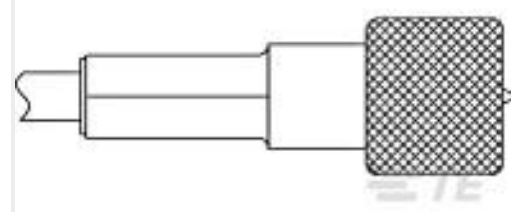
TE Part #2-1761607-6
IDC LOW PRO HDR 16P RA LG LAT



TE Part #5745116-2
50 RCPT RA/MS STD



TE Part #1466287-1
031-0003-0001



TE Part #1466328-1
132-0115-0002=PLUG,STR GC-50



TE Part #234464-E
SRCA 1,27 10 M 1 SMD 137 E1 094 * GURT *

Documents

[Product Drawings](#)



031-0050-0001

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1466288-1_R.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1466288-1_R.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1466288-1_R.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

Products for Aerospace and Defense

English