

5-1814826-1 x OBSOLETE

TE Internal #: 5-1814826-1

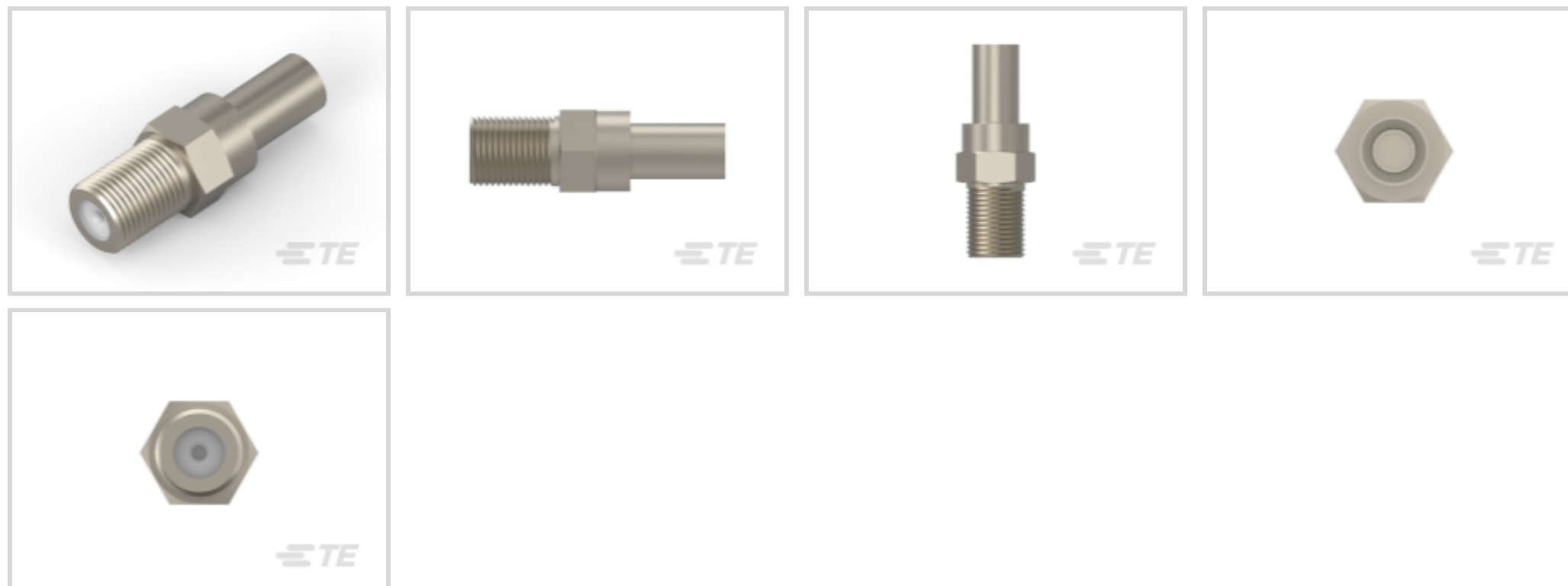
TE Internal Description: F Type Blk Jk R/M 75 Ohm RG59B/U, 62A/U

F Type Connector: Jack, Right-Angle, Elbow Jack PCB, 75 Ohm

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Connectors > RF Coax Connectors > RF Connectors > F Type Connector: Jack, Right-Angle, Elbow Jack PCB, 75 Ohm



RF Interface: **F Type**

RF Connector Style: **Jack**

RF Connector Mated Outer Diameter (Approximate): **6.8 mm [.267 in]**

Impedance: **75 Ω**

Compatible With RF Cable Type: **Belden 9291, KX 25, KX 52, KX 53, KX 6A, RG 140, RG 210, RG 59B, RG 62A, URM 90**

[All F Type Connector: Jack, Right-Angle, Elbow Jack PCB, 75 Ohm \(1\)](#)

Features

Product Type Features

| | |
|-------------------------------|---|
| RF Interface | F Type |
| RF Connector Style | Jack |
| Compatible With RF Cable Type | Belden 9291, KX 25, KX 52, KX 53, KX 6A, RG 140, RG 210, RG 59B, RG 62A, URM 90 |
| Connector System | Cable-to-Panel |
| Sealable | No |

Configuration Features

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

Electrical Characteristics

| | |
|-----------|------|
| Impedance | 75 Ω |
|-----------|------|

Body Features

| | |
|----------------------|--------|
| Body Material | Brass |
| Body Material Finish | Plated |



| | |
|-----------------------|--------|
| Body Plating Material | Nickel |
|-----------------------|--------|

Contact Features

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

| | |
|--------------------------------------|-------|
| RF Connector Center Contact Material | Brass |
|--------------------------------------|-------|

Termination Features

| | |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
|------------------------------------|-------|

Mechanical Attachment

| | |
|------------------------|------------|
| Panel Attachment Style | Rear Mount |
|------------------------|------------|

| | |
|---------------------------------|----------|
| RF Connector Coupling Mechanism | Threaded |
|---------------------------------|----------|

| | |
|-------------------------------|------------|
| RF Contact Captivation Method | Mechanical |
|-------------------------------|------------|

| | |
|--------|---------|
| Detent | Without |
|--------|---------|

Dimensions

| | |
|---|-----------------|
| RF Connector Mated Outer Diameter (Approximate) | 6.8 mm[.267 in] |
|---|-----------------|

Usage Conditions

| | |
|-----------------------------|---------------------------|
| Operating Temperature Range | -55 – 85 °C[-67 – 185 °F] |
|-----------------------------|---------------------------|

Operation/Application

| | |
|---------------------|-------|
| Operating Frequency | 2 GHz |
|---------------------|-------|

Packaging Features

| | |
|------------------|-----|
| Packaging Method | Box |
|------------------|-----|

Other

| | |
|---------------------|---------------|
| Dielectric Material | Polypropylene |
|---------------------|---------------|

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 with Exemptions |
|-----------------------------|---------------------------|

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

| | |
|--|--|
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2022 (224) Not Yet Reviewed |
|--|--|

| | |
|-----------------|---|
| Halogen Content | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
|-----------------|---|

Solder Process Capability

Not applicable for solder process capability

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>

Documents

Product Drawings

[F Type Blk Jk R/M 75 Ohm RG59B/U, 62A/U](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_5-1814826-1_B.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_5-1814826-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-1814826-1_B.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[1-1773725-8_RF_COAX_QRG](#)

English

Product Specifications

[Economy RF Coaxial Connectors](#)

English

[Product Specification](#)

English

[Product Specification](#)

English

