

829559-2 SUPERSEDED

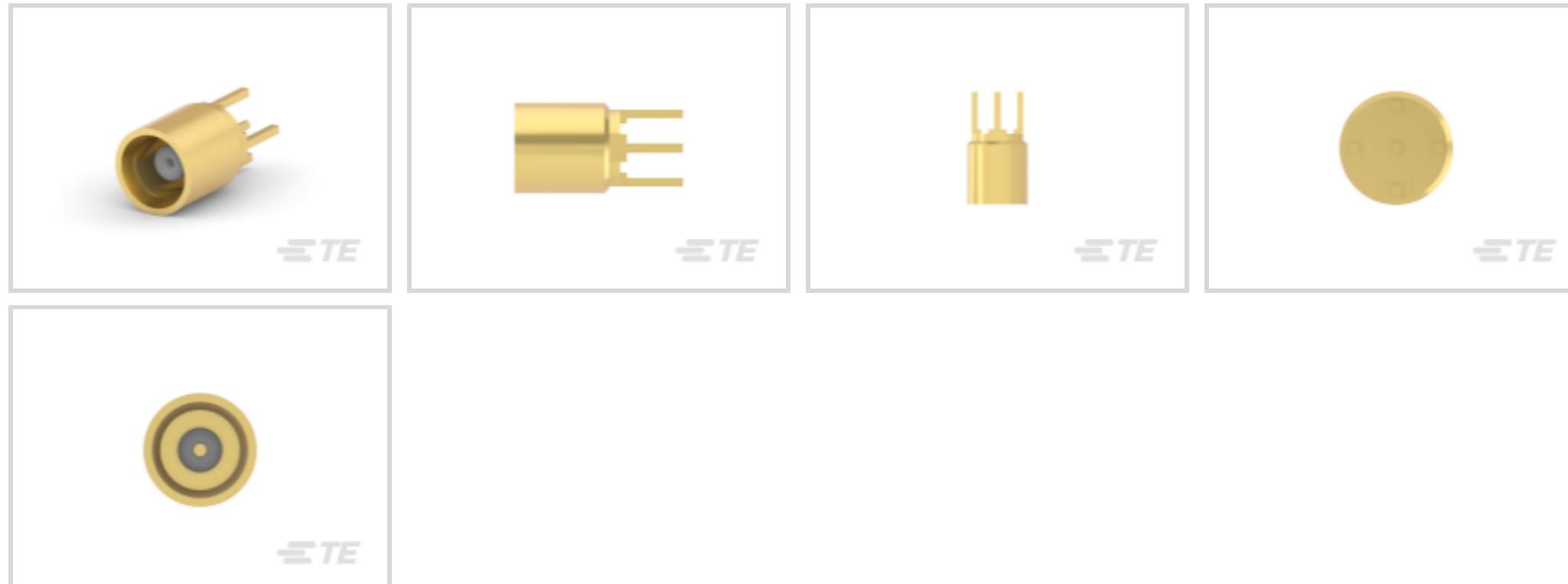
TE Internal #: 829559-2

TE Internal Description: MCX KU LEI

MCX Connector: Jack, 50 Ohm

[View on TE.com >](#)

Connectors > RF Connectors > Coax Connectors > MCX Connector: Jack, 50 Ohm

RF Interface: **MCX**RF Connector Style: **Jack**RF Connector Mated Outer Diameter (Approximate): **4.85 mm [.19 in]**Impedance: **50 Ω**RF Connector Coupling Mechanism: **Snap-On**[All MCX Connector: Jack, 50 Ohm \(1\)](#)

Features

Product Type Features

| | |
|-----------------------------------|-----------------------|
| RF Interface | MCX |
| RF Connector Style | Jack |
| Connector System | Cable-to-Board |
| Sealable | No |
| Connector & Contact Terminates To | Printed Circuit Board |

Configuration Features

| | |
|----------------------------|----------|
| PCB Mount Orientation | Vertical |
| Number of Positions | 1 |
| Number of Coaxial Contacts | 1 |

Electrical Characteristics

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

Body Features

| | |
|----------------------------|--------|
| Body Underplating Material | Nickel |
|----------------------------|--------|

| | |
|---------------|-------------|
| Body Material | Copper Zinc |
|---------------|-------------|

| | |
|-----------------------|------|
| Body Plating Material | Gold |
|-----------------------|------|

Contact Features

| | |
|---|--------------|
| | 150 μ in |
| RF Connector Center Contact Underplating Material | Nickel |
| RF Connector Center Contact Plating Material | Gold (Au) |
| RF Connector Center Contact Material | Copper Zinc |

Termination Features

| | |
|--------------------------------|-----------------------|
| Termination Method to PCB | Through Hole - Solder |
| Termination Post & Tail Length | 2.95 mm[.116 in] |

Mechanical Attachment

| | |
|---------------------------------|-------------|
| PCB Mount Retention | With |
| RF Connector Coupling Mechanism | Snap-On |
| Connector Mounting Type | Board Mount |
| RF Contact Captivation Method | Mechanical |
| Detent | Without |

Dimensions

| | |
|---|-----------------|
| Product Length | 9 mm[.356 in] |
| Profile Height from PCB | 6 mm[.236 in] |
| RF Connector Mated Outer Diameter (Approximate) | 4.85 mm[.19 in] |

Operation/Application

| | |
|---------------------------|-------|
| Operating Frequency Range | 6 GHz |
|---------------------------|-------|

Packaging Features

| | |
|--------------------|-----|
| Packaging Quantity | 1 |
| Packaging Method | Bag |

Other

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

Product Compliance

For compliance documentation, visit the product page on TE.com>

| | |
|------------------------------|---------------------------|
| EU RoHS Directive 2011/65/EU | Compliant with Exemptions |
| EU ELV Directive 2000/53/EC | Compliant with Exemptions |

China RoHS 2 Directive MIIT Order No 32, 2016

Restricted Materials Above Threshold

EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JAN 2025

(247)

Candidate List Declared Against: JUL 2021

(219)

SVHC > Threshold:

Pb (4% in Component Part)

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

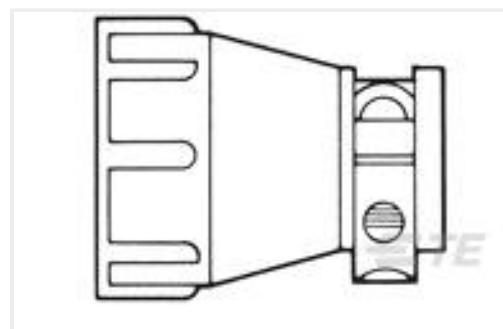
Product Compliance Disclaimer

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>

Customers Also Bought



TE Part #66259-2
MALE CONTACT ASSY. (L.P.)



TE Part #206138-8
CLAMP CBL SHELL SIZE 23



TE Part #CAT-M5833-M2934A
Male-on-Wire Connector, Micro-MaTch



TE Part #CAT-M5833-F3492A
Female-on-Board Connector, Top Entry



TE Part #1623930-2
CFR25 5% 100R



TE Part #5745394-2
HD-20 RCPT 9P RA 318 THD INS



TE Part #5745392-2
HD-20 RCPT 25P RA 318 THD INS

Documents

Product Drawings

MCX KU LEI

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_829559-2_M.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_829559-2_M.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_829559-2_M.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

1307191 RF Coax Products Catalog

English