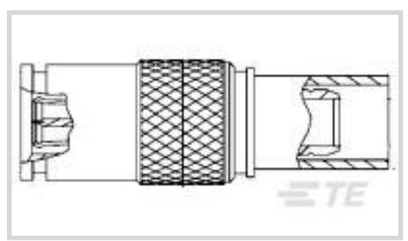
1460010-1 ! PRELIMINARY

TE Internal #: 1460010-1

RF Connectors, DIN 1.0/2.3 Connectors RF Interface, Plug, RF Connector Mated Outer Diameter (Approximate) .303 in [7.7 mm], 50 Ω

View on TE.com >

Connectors > RF Coax Connectors > RF Connectors



RF Interface: **DIN 1.0/2.3 Connectors**

RF Connector Style: **Plug**

RF Connector Mated Outer Diameter (Approximate): **7.7 mm [.303 in]**

Impedance: **50 Ω**

Compatible With RF Cable Type: **LMR-240 FR**

Features

Product Type Features

RF Interface	DIN 1.0/2.3 Connectors
RF Connector Style	Plug
Compatible With RF Cable Type	LMR-240 FR
Connector System	Cable-to-Board
Sealable	No
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	Copper Zinc
Body Plating Material	Nickel

Contact Features

RF Connector Center Contact Underplating Material	Copper, Nickel
RF Connector Center Contact Plating Material	Gold

RF Connector Center Contact Material	Beryllium Copper

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

RF Connector Coupling Mechanism	Latching Quick Lock
Connector Mounting Type	Panel Mount
RF Contact Captivation Method	Mechanical
Detent	Without

Dimensions

RF Connector Mated Outer Diameter (Approximate)	7.7 mm[.303 in]

Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F][-40 – 185 °F]

Operation/Application

Operating Frequency	2 GHz

Packaging Features

Packaging Quantity	250
Packaging Method	Box

Other

Dielectric Material	PTFE

Product Compliance

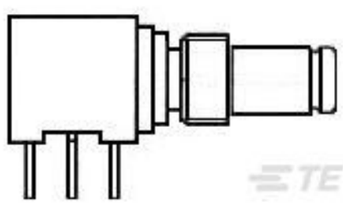
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Not Yet Reviewed
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 2021 (211) Candidate List Declared Against: JUN 2016 (169) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not applicable for solder process capability

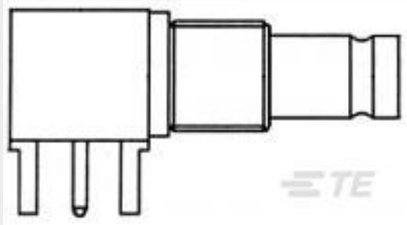
Product Compliance Disclaimer

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

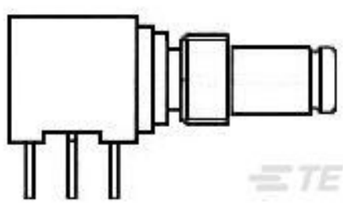
Compatible Parts



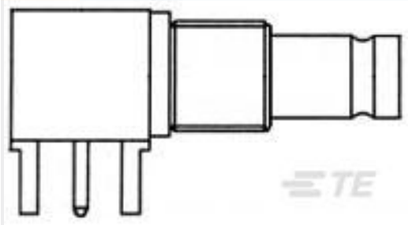
TE Part # 3-1393670-9
V23600A1227G 1=LP-KUPPLER



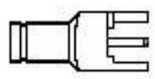
TE Part # 4-1393670-0
V23600A1227G 4=LP KUPPLER



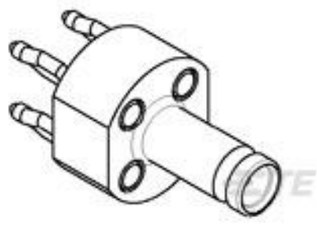
TE Part # 1460060-1
1.0/2.3 R/A PCB JACK, 50 OHM



TE Part # 1460139-1
1.0/2.3 R/A PCB JACK

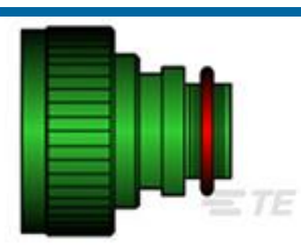


TE Part # 3-1393670-4
V23600A1027C 1=LP-KUPPLER

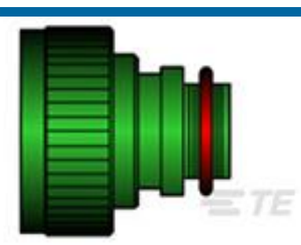


TE Part # 6274431-1
VERTICAL ACTION PIN JACK

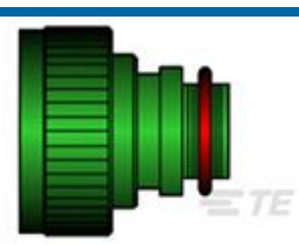
Customers Also Bought



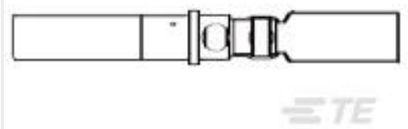
TE Part #293973-000
TXR40AB00-1612AI



TE Part #554173-000
TXR40AB00-1406AI

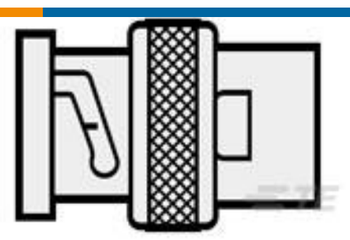


TE Part #658819-000
TXR40AB00-1006AI



TE Part #507762-000
D-602-0145

TE Part #430079-000
7528A5314-0

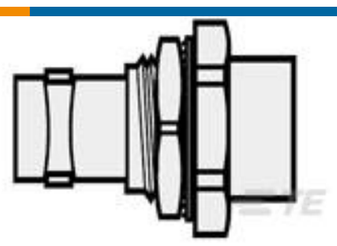


TE Part #918455-000
RBD-75-S-00

TE Part #385193-000
D-181-2224-90/9

TE Part #440063-007
7528A1317-0

TE Part #4451903001
0024A0311-0



TE Part #534583-000
RBD-75-M-02

Documents

Product Drawings

CABLE PLUG 1.0/2.3 FOR LMR 240

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1460010-1_O.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1460010-1_O.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1460010-1_O.3d_stp.zip

English

Datasheets & Catalog Pages

DIN Connectors

English

Product Specifications

Application Specification

English