

5-1814400-2 ✓ ACTIVE

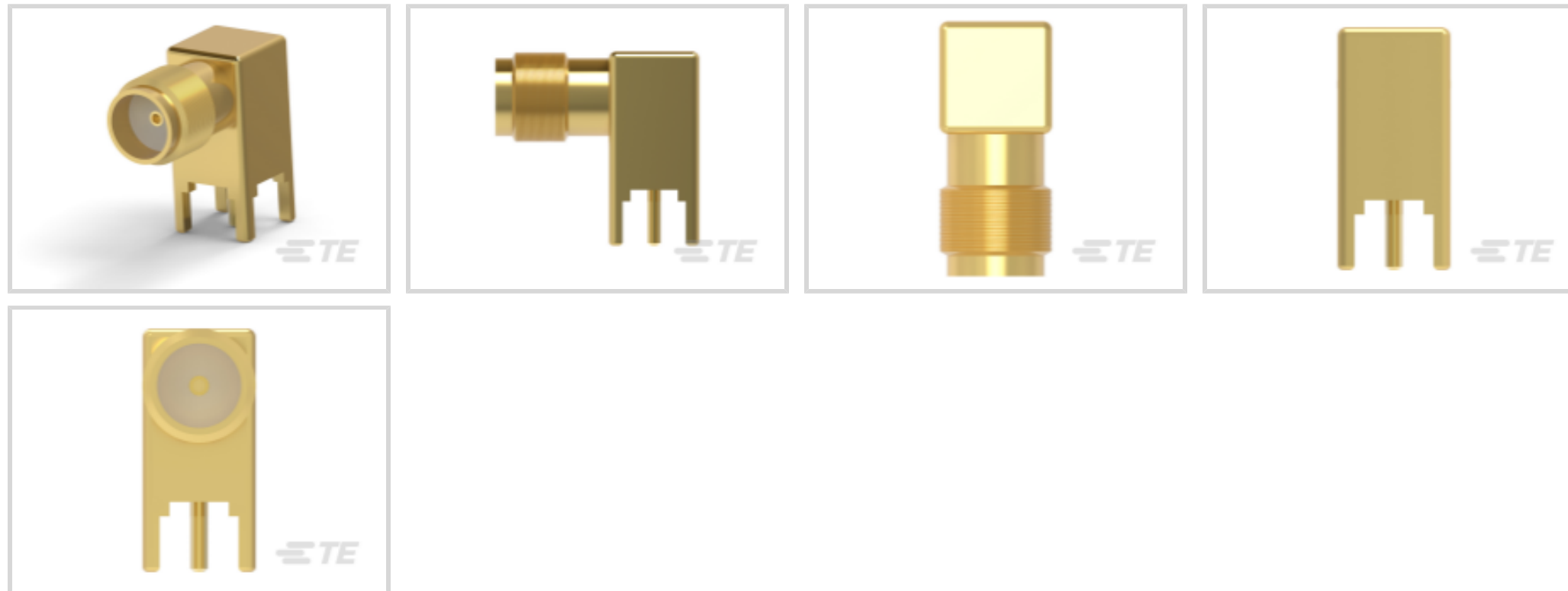


TE Internal #: 5-1814400-2

RF Connectors, SMA RF Interface, Jack, RF Connector Mated Outer Diameter (Approximate) .25 in [6.35 mm], 50 Ω , Threaded, 3GHz Operating Frequency

[View on TE.com >](#)

Connectors > RF Coax Connectors > RF Connectors



RF Interface: **SMA**

RF Connector Style: **Jack**

RF Connector Mated Outer Diameter (Approximate): **6.35 mm [.25 in]**

Impedance: **50 Ω**

RF Connector Coupling Mechanism: **Threaded**

Features

Product Type Features

Connector Product Type	Connector Assembly
RF Interface	SMA
RF Connector Style	Jack
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	1
PCB Mount Orientation	Right Angle
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	50 Ω
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Body Features

Body Material	Zinc Alloy
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Body Plating Material	Gold
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Contact Features

	30 μin
RF Connector Contact Configuration	Not Captivated
RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Beryllium Copper

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
Termination Post & Tail Length	3.9 mm[.153 in]

Mechanical Attachment

RF Connector Coupling Mechanism	Threaded
Connector Mounting Type	Board Mount
RF Contact Captivation Method	Mechanical
Detent	Without

Dimensions

Product Length	14.2 mm[.559 in]
RF Connector Mated Outer Diameter (Approximate)	6.35 mm[.25 in]
Height Above PC Board	9.63 mm[.379 in]

Usage Conditions

Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]
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Operation/Application

Operating Frequency	3 GHz
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Packaging Features

Packaging Quantity	350
Packaging Method	Tape & Reel


Other

Grade	Commercial
Dielectric Material	PTFE

Compatible Parts



TE Model / Part # 2195774-1
Ext Antenna, SMA, active, GNSS, 1558-1615MHz



TE Model / Part # 2195775-1
433MHz Terminal Antenna



TE Model / Part # 2195773-1
LTE Terminal Antenna




TE Model / Part # 2195632-1
EXTERNAL DUAL BAND GSM ANTENNA




TE Model / Part # 2195729-2
EXTERNAL FULL BAND ANTENNA



TE Model / Part # 2195736-1
LTE Terminal Antenna



TE Model / Part # 619135-1
BOARD TO BOARD CONNECTOR



TE Model / Part # 1658260-2
RF BOARD TO BOARD ASSY, 750 PC

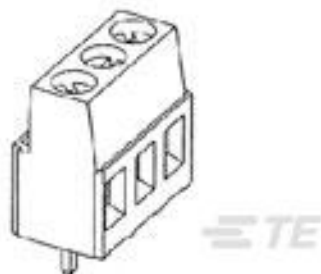


TE Model / Part # 2032439-2
C/A, UMCC/SMA PLUG, 1.37MM TYPE III L=80



TE Model / Part # 2195729-1
EXTERNAL FULL BAND ANTENNA

Customers Also Bought



TE Model / Part #2-282856-8
TERMI-BLOK PCB MOUNT 2P, 7.0mm



TE Model / Part #2314876-4
4P,2MM,B-B,REC,SRVT,2,7,0.1AU,TB



TE Model / Part #2-2176345-0
CRGCO 1210 390R 1%



TE Model / Part #3-2176390-4
RQ 1206 2K55 0.1% 10PPM 5K RL



TE Model / Part #3-2213764-9
AV19 SPL 5A FIX RING LED BLUE 24V



TE Model / Part #9-2176310-7
RP 1E 0.1W 1K07 0.1% 25PPM 1K RL



TE Model / Part #2311762-1
AMPL REC, HD20, 25P, R/A THREADED, .318



TE Model / Part #1622718-1
LR2 1% 24K



TE Model / Part #2042274-7
ELCON MINI 2P VERT HEADER, PRESS-FIT, W/HD



TE Model / Part #1-1879314-9
DPL12 24P 24DET 20F GREEN

Documents

Product Drawings

SMA R/A PCB Skt GZD

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_5-1814400-2_D.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-1814400-2_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-1814400-2_D.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 Environmental Compliance

Product Compliance

English

Product Compliance

English