CSI-SGFB-100-UFFR - ACTIVE

TE Internal #: CSI-SGFB-100-UFFR

SMA to MHF1 Cable Assembly, $.1-1\ m$ [.33 ft], Gray Cable, 3 GHz

Operating Frequency, 50 ohm, FEP, 31 AWG, 1.13 mm [.044 in]

Diameter, SMA Jack

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Cable Assemblies > RF Cable Assemblies



Cable Assembly (End A): SMA Jack

Cable Assembly (End B): UMCC GEN 1 Plug

Cable Assembly Length: .1 – 1 m [.33 ft]

Coax Cable Type: 1.13 mm

Impedance: 50Ω

Features

Product Type Features

Cable Assembly (End A)	SMA Jack
Cable Assembly (End B)	UMCC GEN 1 Plug
Coax Cable Type	1.13 mm
Cable Assembly Type	SMA to MHF1
Configuration Features	
Number of Connectorized Ends	2
Electrical Characteristics	
Impedance	50 Ω
Body Features	
Body Plating Material	Gold

Contact Features

Cable Color

Jacket Material

FEP

Gray

Dimensions

Outside Cable Diameter	1.13 mm[.044 in]
Wire Size	31 AWG



Usage Conditions

Operating Temperature Range	-40 – 90 °C[-40 – 194 °F]
Operation/Application	
Shielded	Yes
Operating Frequency	3 GHz
Other	
Dielectric Material	FEP
Cable Assembly Length	.1 – 1 m[.33 ft]

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	Not Yet Reviewed
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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

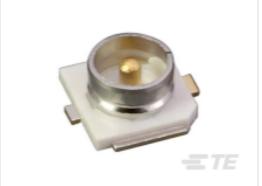
Product Compliance Disclaimer

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 # CONMHF1-SMD-T U.FL/MHF1 Jack 50 Ohm PCB Surface Mount





Customers Also Bought



PRESS XDCR, ANALOG, PSI RANGE



TE Part #5553811-1 ASSY,EMI RCPT,24 POSN,SCR LK



TE Part #6-1624113-7 3650 0805 1.0uH 5% 2K RL







TE Part #ANT-915-NUB-SMA









Documents

Product Drawings SMA to U.FL/MHF1 100mm 1.13 OD

English

CAD Files

3D PDF

3D

Customer View Model ENG_CVM_CSI-SGFB-100-UFFR_B.2d_dxf.zip SMA to MHF1 Cable Assembly, .1 – 1 m [.33 ft], Gray Cable, 3 GHz Operating Frequency, 50 ohm, FEP, 31 AWG, 1.13 mm [.044 in] Diameter, SMA Jack



English

Customer View Model

ENG_CVM_CVM_CSI-SGFB-100-UFFR_B.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_CSI-SGFB-100-UFFR_B.3d_igs.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages

CABLE ASSEMBLY, U.FL TO FEM BLKHD SMA, 1.13mm CBL

English