

1340150

<https://www.phoenixcontact.com/us/products/1340150>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Coaxial PCB connector, degree of protection: IP20, number of positions: 1, 12 Gbps, material: Metal, connection method: Solder connection, cable outlet: straight

Your advantages

- Future-proof, thanks to the use of lead-free materials
- Complete documentation saves developers time during design-in
- Ideal for WLAN, Bluetooth, LTE, and 5G signals
- The reflow capability of PCB connectors enables efficient and cost-optimized processing
- Tape-on-reel packaging

Commercial data

Item number	1340150
Packing unit	100 pc
Minimum order quantity	100 pc
Sales key	AB14
Product key	ABNFBB
GTIN	4063151646431
Weight per piece (including packing)	6.11 g
Weight per piece (excluding packing)	6.1 g
Customs tariff number	85366910
Country of origin	DE

CUC-COX-J1M-A/LFS - Coaxial PCB connector



1340150

<https://www.phoenixcontact.com/us/products/1340150>

Technical data

Product properties

Product type	Data connector (device side)
Type	Coaxial
Number of positions	1
Connection profile	R-SMA (f)
Type of packaging	Tape and Reel
[W] tape width	32.00 mm
[A] coil diameter	330.00 mm
Type	Socket
Cable outlet	straight
Thread type	1/4-36 UNS

Data management status

Article revision	00
------------------	----

Electrical properties

Rated surge voltage (III/2)	1500 V
Frequency range	10 Hz
Insulation resistance	5 GΩ
Test voltage	1000 V _{rms}
Transmission medium	Copper
Wave impedance	50 Ω
Max. conductor resistance	0.8 Ω/m

Output data

Transmission frequency	1.00 GHz
------------------------	----------

Connection data

Connection technology

Connection method	Solder connection
Locking mechanism tightening torque	1.10 Nm

Dimensions

Width	6.5 mm
Height	11.6 mm
Length	14.2 mm
Installed height	9.60 mm
Orientation to	90.00 °

Material specifications

Material	Metal
Flammability rating according to UL 94	V0

CUC-COX-J1M-A/LFS - Coaxial PCB connector



1340150

<https://www.phoenixcontact.com/us/products/1340150>

Housing material	Metal
Contact material	CuBe2
Contact surface material	NiP-Au

Cable/line

Cable resistance	0.8 Ω /m
Wave impedance	50 Ω
Halogen-free	no

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	> 100
Extraction force per signal contact	< 20 N
Locking mechanism tightening torque	1.10 Nm

Environmental and real-life conditions

Test specification

Specification	DIN EN 61169-1
Contact resistance R_2	2.00 m Ω
Insulation resistance, neighboring contacts	5 G Ω
Impulse withstand voltage at sea level	1400.00 V DC
Power-frequency withstand voltage	1000.00 V AC

Test specification

Specification	DIN EN 60068-2-14 Test Na
Cold stress	-10°C

Test specification

Specification	DIN EN 60068-2-6 Test Fc
Frequency	10-2000-10 Hz
Sweep speed	1 octave/min
Amplitude	0.75 mm
Acceleration	100.00 m/s ²
Test duration	2.50 h

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-55 °C ... 125 °C
Ambient temperature (storage/transport)	-55 °C ... 125 °C

Mounting

Processing notes

Process	THR
Moisture Sensitive Level	MSL 1

CUC-COX-J1M-A/LFS - Coaxial PCB connector



1340150

<https://www.phoenixcontact.com/us/products/1340150>

Classifications

ECLASS

ECLASS-11.0	27440390
ECLASS-12.0	27440390
ECLASS-13.0	27460201

ETIM

ETIM 9.0	EC002637
----------	----------

CUC-COX-J1M-A/LFS - Coaxial PCB connector



1340150
<https://www.phoenixcontact.com/us/products/1340150>

Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes, No exemptions
China RoHS	
Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

Phoenix Contact 2024 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com