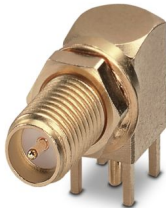


1340152

<https://www.phoenixcontact.com/us/products/1340152>

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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

Commercial data

Item number	1340152
Packing unit	5 pc
Minimum order quantity	5 pc
Sales key	AB14
Product key	ABNFBB
GTIN	4063151646066
Weight per piece (including packing)	6.43 g
Weight per piece (excluding packing)	6.43 g
Customs tariff number	85366910
Country of origin	DE

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Technical data

Product properties

Product type	Data connector (device side)
Type	Coaxial
Number of positions	1
Connection profile	R-SMA (f)
Type of packaging	PE bag
Cable outlet	straight
Thread type	1/4-36 UNS

Electrical properties

Rated surge voltage (III/2)	1500 V
Frequency range	10 Hz
Test voltage	1000 V _{rms}
Transmission medium	Copper
Transmission speed	12.4 Gbps

Output data

Transmission frequency	1.00 GHz
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Connection data

Connection technology

Connection method	Solder connection
Locking mechanism tightening torque	1.10 Nm

Dimensions

Width	7 mm
Height	14 mm
Length	19.5 mm
Installed height	10.00 mm
Orientation to PCB	90.00 °

Material specifications

Material	Metal
Flammability rating according to UL 94	V0
Housing material	Metal
Contact material	CuBe2
Contact surface material	NiP-Au

Cable/line

Halogen-free	no
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Mechanical properties

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



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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 mΩ
Insulation resistance, neighboring contacts	5 GΩ
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

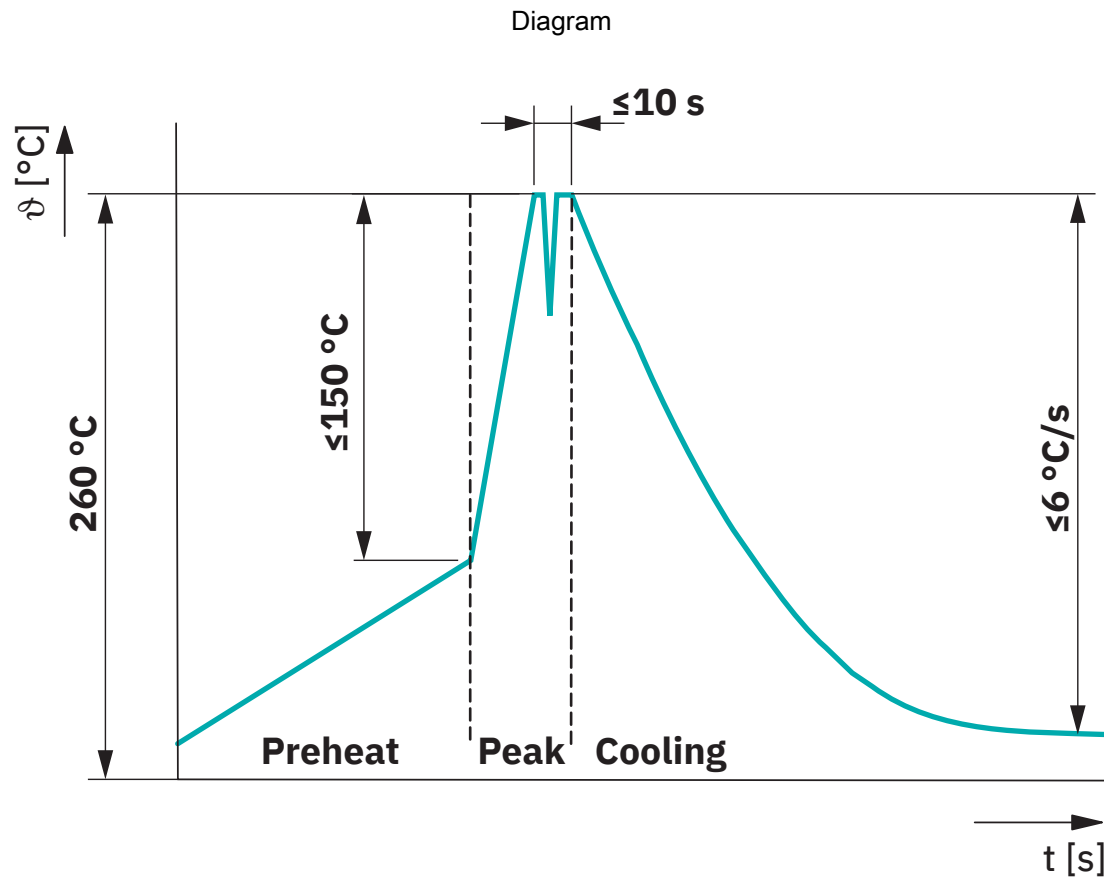
Mounting

Mounting type	Wave soldering
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Processing notes

Process	THR
Moisture Sensitive Level	MSL 1

Drawings



Classification wave soldering profile

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



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Classifications

ECLASS

ECLASS-13.0	27460201
ECLASS-15.0	27460201

ETIM

ETIM 9.0	EC002637
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CUC-COX-J1M-A/LBS - Coaxial PCB connector



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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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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%
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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com