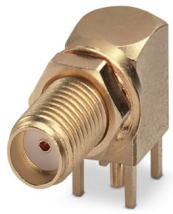
CUC-COX-J1M-A/KBS - Coaxial PCB connector

1340153

https://www.phoenixcontact.com/us/products/1340153

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Coaxial PCB connector, Coaxial (12 Gbps), 1-position, Socket straight 1/4-36 UNS, connection method: Solder connection, material: Metal, degree of protection: IP20, for additional information, see the product range drawing in the Download Center

Your advantages

- Complete documentation saves developers time during design-in
- Ideal for WLAN, Bluetooth, LTE, and 5G signals

Commercial data

Item number	1340153
Packing unit	5 pc
Minimum order quantity	5 pc
Sales key	AB14
Product key	ABNFBA
GTIN	4063151646073
Weight per piece (including packing)	6.41 g
Weight per piece (excluding packing)	6.41 g
Customs tariff number	85366910
Country of origin	DE

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

Connection data

Connection technology

Connection method	Solder connection
Locking mechanism tightening torque	1.10 Nm

Dimensions

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

Material specifications

Flammability rating according to UL 94	V0
Housing material	Metal
Contact material	CuBe2Pb
Contact surface material	NiP-Au

Cable/line

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

Ambient conditions

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

Test specification

Specification	DIN EN 61169-1
Contact resistance R_2	2 mΩ
Insulation resistance, neighboring contacts	5 GΩ
Impulse withstand voltage at sea level	1400 V DC
Power-frequency withstand voltage	1000 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 m/s²
Test duration	2.5 h

Mounting

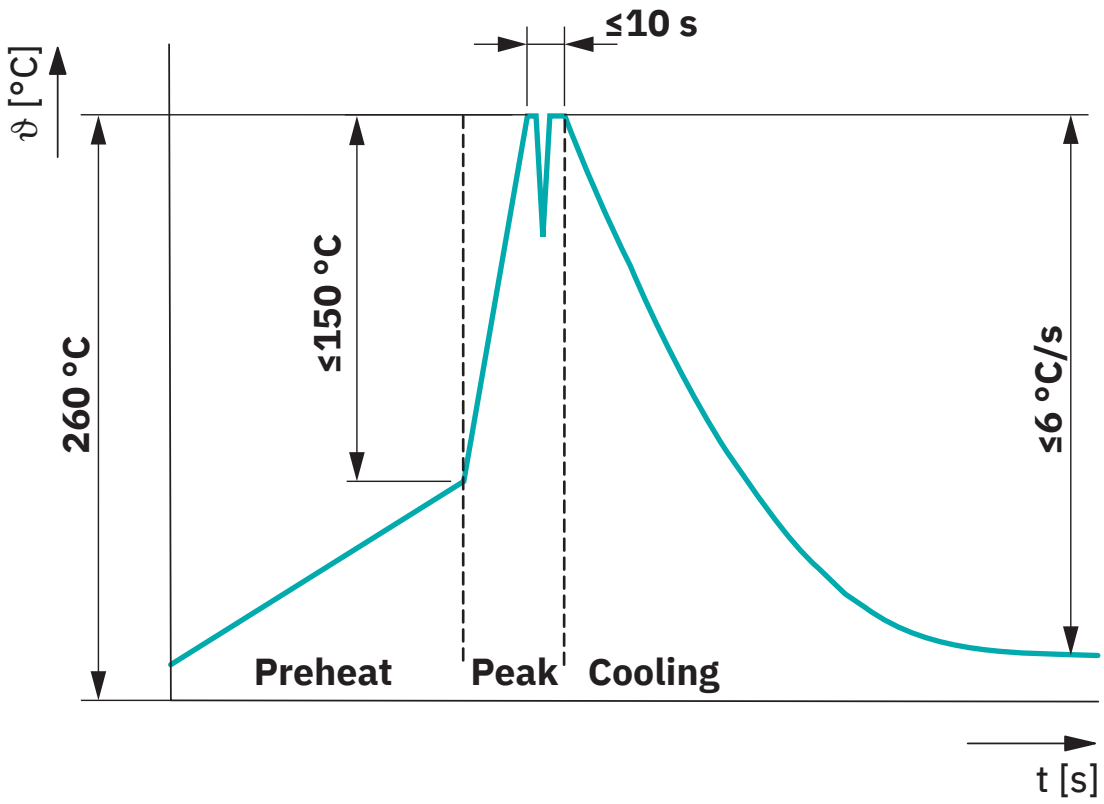
Mounting type	THR soldering

Processing notes

Process	THR
Moisture Sensitive Level	MSL 1

Drawings

Diagram



Classification wave soldering profile

Classifications

ECLASS

ECLASS-13.0	27460201
ECLASS-15.0	27460201

ETIM

ETIM 10.0	EC002637

UNSPSC

UNSPSC 21.0	39121400

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%

EF3.1 Climate Change

CO2e kg	1.406 kg CO2e

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