

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



1340153

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

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Coaxial PCB connector, degree of protection: IP20, number of positions: 2, 12 Gbps, material: Metal, connection method: Solder connection, cable outlet: straight, 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	1 pc
Minimum order quantity	5 pc
Sales key	AB12
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

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Technical data

Product properties

Type	Coaxial
Product type	Data connector (device side)
Number of positions	2
Type of packaging	PE bag
Connection profile	R-SMA (f)
Type	Socket
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

Output data

Transmission frequency	1.00 GHz
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Connection data

Connection technology

Connection method	Solder connection
Locking mechanism tightening torque	1.1 Nm

Dimensions

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

Material specifications

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

Cable/line

Halogen-free	no
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Mechanical properties

Mechanical data

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Insertion/withdrawal cycles	> 100
Extraction force per signal contact	< 20 N
Locking mechanism tightening torque	1.1 Nm

Environmental and real-life conditions

Test specification

Specification	DIN EN 61169-1
Contact resistance R_2	2 m Ω
Insulation resistance, neighboring contacts	5 G Ω
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/s ²
Test duration	2.5 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	THR soldering
Connection method	Solder connection

Processing notes

Process	THR
Moisture Sensitive Level	MSL 1

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Classifications

ECLASS

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

ETIM

ETIM 8.0	EC001121
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UNSPSC

UNSPSC 21.0	39121400
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