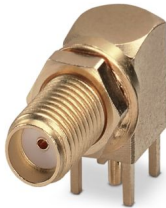


1340153
<https://www.phoenixcontact.com/us/products/1340153>

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, 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

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



1340153

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

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

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



1340153

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

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

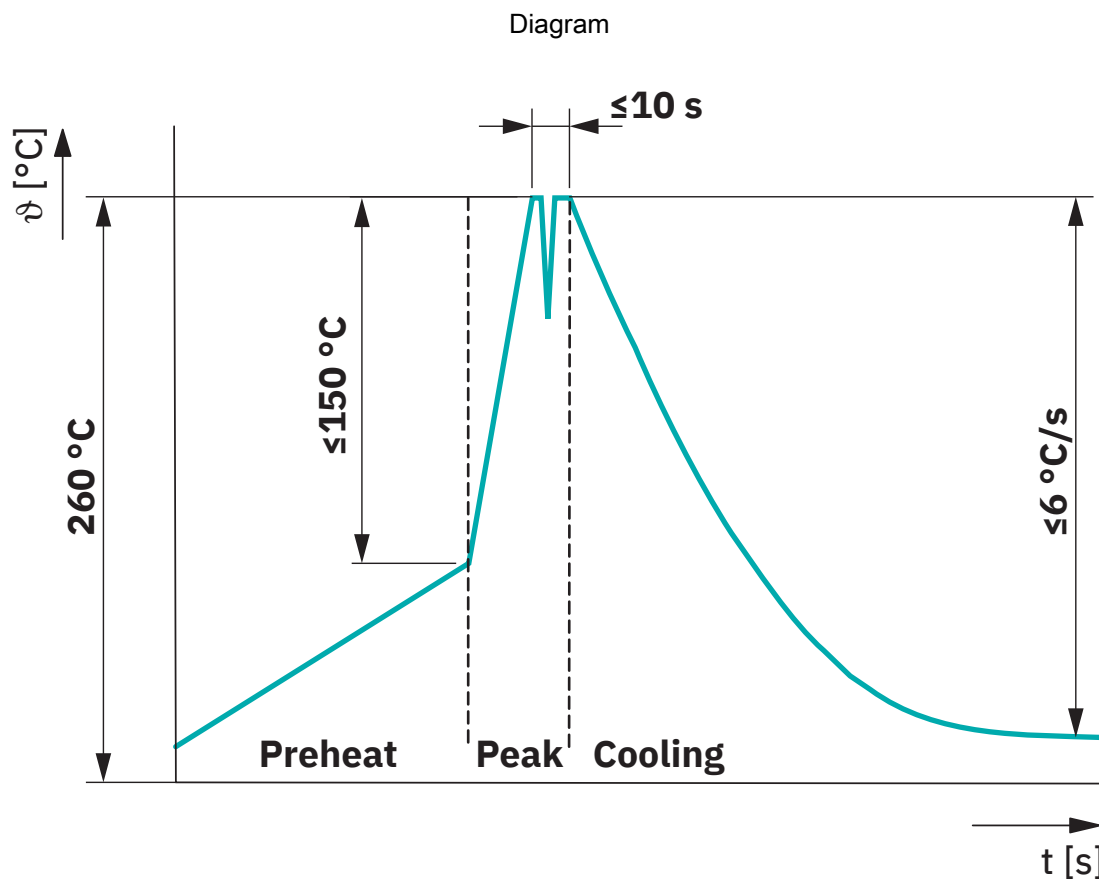
Mounting

Mounting type	THR soldering
---------------	---------------

Processing notes

Process	THR
Moisture Sensitive Level	MSL 1

Drawings



Classification wave soldering profile

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



1340153

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

Classifications

ECLASS

ECLASS-13.0	27460201
ECLASS-15.0	27460201

ETIM

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

UNSPSC

UNSPSC 21.0	39121400
-------------	----------

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



1340153

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

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 2025 © - 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