

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



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 |
|------------------------|----------|

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 |
|--------------|----|

Mechanical properties

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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 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 |

Mounting

| | |
|---------------|----------------|
| Mounting type | Wave soldering |
|---------------|----------------|

Processing notes

| | |
|--------------------------|-------|
| Process | THR |
| Moisture Sensitive Level | MSL 1 |

Drawings



Classification wave soldering profile

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27460201 |
| ECLASS-15.0 | 27460201 |

ETIM

| | |
|-----------|----------|
| ETIM 10.0 | EC002637 |
|-----------|----------|

UNSPSC

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

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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% |
|-------------------------------------|----------------------------|

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