

har-flex Power M ang 12P THR PL1 400pcs



Image is for illustration purposes only. Please refer to product description.

| | |
|--------------------|---|
| Part number | 15 55 012 2701 000 |
| Specification | har-flex Power M ang 12P THR PL1 400pcs |
| HARTING eCatalogue | https://b2b.harting.com/15550122701000 |

Version

| | |
|--------------------|---|
| Termination method | Reflow soldering termination (THR) |
| Connection type | Motherboard to daughtercard Extender card |
| Number of contacts | 12 |
| Details | According to IEC 61984, it is an unencapsulated connector. Protection against electric shock must be ensured by the type of installation by the user. |
| Pack contents | 400 pieces on reel |

Technical characteristics

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|------------------------------------|------------------------------------|
| Contact spacing (termination side) | 2.54 mm |
| Contact spacing (mating side) | 2.54 mm |
| Rated current | 19 A |
| Rated voltage | 180 V |
| Rated voltage | acc. to IEC 60664-1 |
| Rated impulse voltage | 1.5 kV |
| Pollution degree | 2 |
| Clearance distance | ≥0.94 mm |
| Creepage distance | ≥0.94 mm PCB ≥1.89 mm Connector |
| Insulation resistance | >10 ¹⁰ Ω |
| Contact resistance | ≤25 mΩ |
| Limiting temperature | -55 ... +125 °C |
| Performance level | 1 |
| Mating cycles | ≥500 |



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Technical characteristics

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|----------------------------------|-------------------------------------|
| Test voltage $U_{r.m.s.}$ | 0.84 kV |
| Isolation group | IIIa ($175 \leq CTI < 400$) |
| Moisture Sensitivity Level (MSL) | 1 acc. to ECA/IPC/JEDEC J-STD-020D |
| Process Sensitivity Level (PSL) | R0 acc. to ECA/IPC/JEDEC J-STD-020D |
| Coplanarity of contacts | 0.1 mm |

Material properties

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|---|--|
| Material (insert) | Liquid crystal polymer (LCP) |
| Colour (insert) | Black |
| Material (contacts) | Copper alloy |
| Surface (contacts) | Noble metal over Ni Mating side Sn over Ni Termination side |
| Material flammability class acc. to UL 94 | V-0 |
| RoHS | compliant |
| ELV status | compliant |
| China RoHS | e |
| REACH Annex XVII substances | Not contained |
| REACH ANNEX XIV substances | Not contained |
| REACH SVHC substances | Not contained |
| California Proposition 65 substances | Not contained |

Commercial data

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|--------------------------------|--|
| Packaging size | 1 |
| Net weight | 2,410 g |
| Country of origin | China |
| European customs tariff number | 85366990 |
| GTIN | 5713140204270 |
| eCl@ss | 27460201 PCB connector (board connector) |