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Product data sheet
15 16 012 2020 041
har-flex distance adapter 24mm 12P PL1

Pushing Performance
Since 1945

# har-flex distance adapter 24mm 12P PL1



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

| | |
|---|---|
| Part number | 15 16 012 2020 041 |
| Specification | har-flex distance adapter 24mm 12P PL1 |
| HARTING eCatalogue | https://harting.com/15160122020041 |

## Identification

| | |
|---|---|
| Category | Connectors |
| Series | har-flex® |
| Identification | Signal |
| Element | Adapter |
| Description of the contact | Male contact<br>Male contact |

## Version

| | |
|---|---|
| Connection type | Mezzanine<br>Cable to cable |
| Number of contacts | 12 |
| Termination length | 2.5 mm |
| Pack contents | 78 pieces in a tray<br>5 trays per box |

## Technical characteristics

| | |
|---|---|
| Contact rows | 2 |
| Contact spacing (mating side) | 1.27 mm |
| Stacking height | 24 mm |
| Clearance distance | ≥0.4 mm |
| Creepage distance | ≥0.4 mm |
| Insulation resistance | $>10^9$ Ω |
| Contact resistance | <35 mΩ |
| Limiting temperature | -55 ... +125 °C |


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## Technical characteristics

| | |
|---|---|
| Insertion force | ≤6 N |
| Withdrawal force | ≤6 N |
| Performance level | 1 |
| Mating cycles | ≥500 |
| Test voltage $U_{r.m.s.}$ | 0.5 kV |
| Isolation group | IIIa (175 ≤ CTI < 400) |
| Wiping lenght | 1.5 mm |

## Material properties

| | |
|---|---|
| Material (insert) | Liquid crystal polymer (LCP) |
| Material (contacts) | Copper alloy |
| Surface (contacts) | Noble metal over Ni |
| 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 |

## Specifications and approvals

| | |
|---|---|
| UL / CSA | UL in preparation |

## Commercial data

| | |
|---|---|
| Packaging size | 390 |
| Net weight | 2.32 g |
| Country of origin | China |
| European customs tariff number | 85366990 |
| GTIN | 5713140307629 |
| eCl@ss | 27460201 PCB connector (board connector) |
| UNSPSC 24.0 | 39121415 |


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