

## har-flex distance adapter 28mm 12P PL1



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

Part number	15 16 012 2040 041
Specification	har-flex distance adapter 28mm 12P PL1
HARTING eCatalogue	<a href="https://harting.com/15160122040041">https://harting.com/15160122040041</a>

### Identification

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

### Version

Connection type	Mezzanine Cable to cable
Number of contacts	12
Termination length	2.5 mm
Pack contents	66 pieces in a tray 5 trays per box

### Technical characteristics

Contact rows	2
Contact spacing (mating side)	1.27 mm
Stacking height	28 mm
Clearance distance	≥0.4 mm
Creepage distance	≥0.4 mm
Insulation resistance	>10 <sup>9</sup> 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 ( $175 \leq CTI < 400$ )
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
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## Commercial data

Packaging size	330
Net weight	1.58 g
Country of origin	China
European customs tariff number	85366990
GTIN	5713140307773
eCl@ss	27460201 PCB connector (board connector)
UNSPSC 24.0	39121415