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 Male contact

Version

Connection type	Mezzanine Cable to cable
Number of contacts	12
Termination length	2.5 mm
Pack contents	78 pieces in a tray 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

HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany
Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com

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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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