

## har-flex HD-Card Edge 140 w/o hold PL1



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

Part number	15 04 140 2001 000
Specification	har-flex HD-Card Edge 140 w/o hold PL1
HARTING eCatalogue	<a href="https://b2b.harting.com/15041402001000">https://b2b.harting.com/15041402001000</a>

### Identification

Category	Connectors
Series	har-flex®
Identification	HD-Card Edge
Element	Connector

### Version

Termination method	Reflow soldering termination (SMT)
Connection type	Motherboard to daughtercard Mezzanine
Number of contacts	140
Performance level	1
Pack contents	200 pieces on reel

### Technical characteristics

Contact rows	2
Contact spacing (termination side)	0.8 mm
Clearance distance	≥0.2 mm Backplane ≥0.53 mm Connector ≥0.1 mm Daughtercard
Creepage distance	≥0.2 mm Backplane ≥0.53 mm Connector ≥0.1 mm Daughtercard
Limiting temperature	-55 ... +125 °C
Insertion force	≤100 N
Withdrawal force	≥28 N



Pushing Performance

## Technical characteristics

Mating cycles	≥200
Data rate	25 Gbit/s
Isolation group	IIIa (175 ≤ 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	≤0.15 mm

## Material properties

Material (insert)	Liquid crystal polymer (LCP)
Colour (insert)	Black
Material (contacts)	Copper alloy
Surface (contacts)	Au over Pd/Ni Mating side Tin plated Termination side
Material flammability class acc. to UL 94	V-0

## Commercial data

Packaging size	1
Net weight	0.001 kg
Country of origin	China
eCl@ss	27460201 PCB connector (board connector)