

har-flex HD-Card Edge 80 THR hold PL1

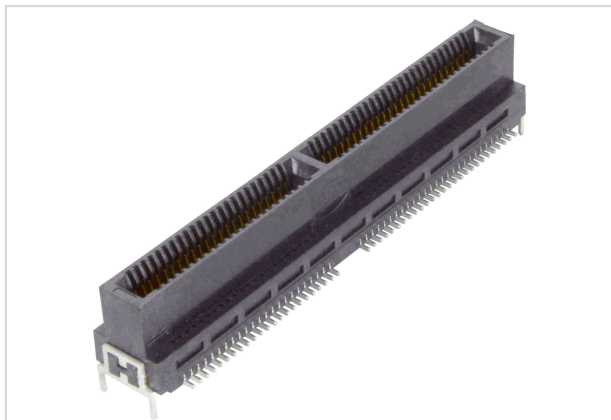


Image is for illustration purposes only. Please refer to product description.

Part number	15 04 080 2401 000
Specification	har-flex HD-Card Edge 80 THR hold PL1
HARTING eCatalogue	https://b2b.harting.com/15040802401000

Identification

Category	Connectors
Series	har-flex®
Identification	HD-Card Edge
Element	Connector
Features	Termination method of hold downs: THR

Version

Termination method	Reflow soldering termination (SMT)
Connection type	Motherboard to daughtercard Mezzanine
Number of contacts	80
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	≤55 N



Pushing Performance

Technical characteristics

Withdrawal force	≥16 N
Mating cycles	≥200
Data rate	25 Gbit/s
Isolation group	IIIa ($175 \leq \text{CTI} < 400$)
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	≤0.13 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)