

# har-flex HD-Card Edge 120 THR hold PL1



Part number	15 04 120 2401 000
Specification	har-flex HD-Card Edge 120 THR hold PL1
HARTING eCatalogue	https://b2b.harting.com/15041202401000

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

## Identification

Category	Connectors
Series	har-flex <sup>®</sup>
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	120
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	≤85 N

Page 1 / 2 | Creation date 2021-02-25 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany

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### Technical characteristics

Withdrawal force	≥24 N
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)

Page 2 / 2 | Creation date 2021-02-25 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com