Pushing Performance

# har-flex HD-CE 40 SMT hold PL1 Sample

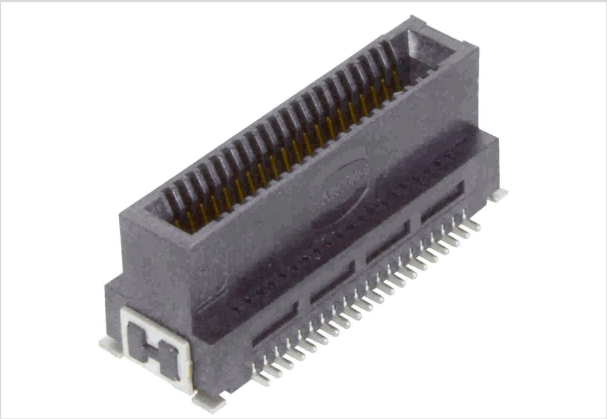


Image is for illustration purposes only. Please refer to product description.

| | |
|---|---|
| Part number | 15 03 040 2601 333 |
| Specification | har-flex HD-CE 40 SMT hold PL1 Sample |
| HARTING eCatalogue | https://b2b.harting.com/15030402601333 |

## Identification

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

## Version

| | |
|---|---|
| Termination method | Reflow soldering termination (SMT) |
| Connection type | Motherboard to daughtercard<br>Mezzanine |
| Number of contacts | 40 |
| Pack contents | Sample |

## Technical characteristics

| | |
|---|---|
| Contact rows | 2 |
| Contact spacing (termination side) | 0.8 mm |
| Contact spacing (mating side) | 0.8 mm |
| Data rate | 25 Gbit/s |
| Clearance distance | ≥0.2 mm Backplane<br>≥0.53 mm Connector<br>≥0.1 mm Daughtercard |
| Creepage distance | ≥0.2 mm Backplane<br>≥0.53 mm Connector<br>≥0.1 mm Daughtercard |
| Limiting temperature | -55 ... +125 °C |


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## Technical characteristics

| | |
|---|---|
| Insertion force | ≤25 N |
| Withdrawal force | ≥8 N |
| Performance level | 1 |
| Mating cycles | ≥200 |
| 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 | ≤0.1 mm |

## Material properties

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

## Commercial data

| | |
|---|---|
| Packaging size | 1 |
| Country of origin | China |
| eCl@ss | 27460201 PCB connector (board connector) |


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