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Since 1945

# har-flex Hybrid M ang 6+26 THR PL1 400pc

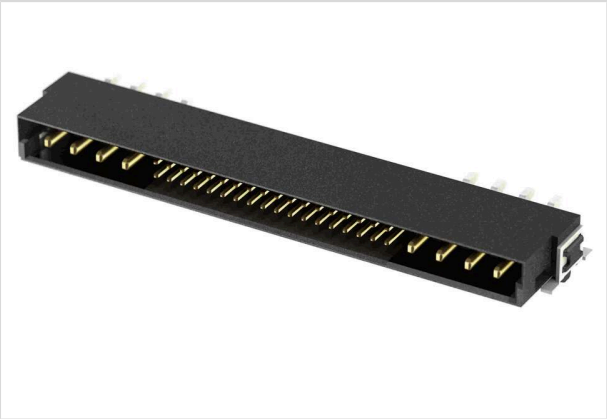


Image is for illustration purposes only. Please refer to product description.

| | |
|---|---|
| Part number | 15 75 626 2701 000 |
| Specification | har-flex Hybrid M ang 6+26 THR PL1 400pc |
| HARTING eCatalogue | https://harting.com/15756262701000 |

## Identification

| | |
|---|---|
| Category | Connectors |
| Series | har-flex® |
| Identification | Hybrid |
| Element | Male connector |
| Description of the contact | Angled |
| Features | Termination method of power contacts: THR |

## Version

| | |
|---|---|
| Termination method | Reflow soldering termination (SMT) |
| Connection type | Motherboard to daughtercard<br>Extender card |
| Number of contacts | 32 |
| Number of signal contacts | 26 |
| Number of power contacts | 6 |
| Pack contents | 400 pieces on reel |

## Technical characteristics

| | |
|---|---|
| Contact spacing (termination side) | 1.27 mm<br>2.54 mm |
| Contact spacing (mating side) | 1.27 mm<br>2.54 mm |
| Rated current | 21.5 A |
| Rated voltage | 50 V AC<br>120 V DC |


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## Technical characteristics

| | |
|---|---|
| Rated voltage | acc. to IEC 60664-1 |
| Rated impulse voltage | 1.5 kV |
| Pollution degree | 2 |
| Clearance distance | ≥0.4 mm Signal contacts<br>≥0.94 mm Power contacts<br>≥0.7 mm Signal to power contacts |
| Creepage distance | ≥0.4 mm PCB: Signal contacts<br>≥0.94 mm PCB: Power contacts<br>≥0.7 mm PCB: Signal to power contacts<br>≥0.4 mm Connector: Signal contacts<br>≥1.89 mm Connector: Power contacts<br>≥1.99 mm Connector: Signal to power contacts |
| Insulation resistance | $>10^{10}$ Ω |
| Contact resistance | ≤25 mΩ |
| Limiting temperature | -55 ... +125 °C |
| Performance level | 1 |
| Mating cycles | ≥500 |
| Test voltage $U_{r.m.s.}$ | 0.5 kV Signal<br>0.84 kV Signal / Power<br>0.84 kV Power / Power |
| 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 | 0.12 mm |

## Material properties

| | |
|---|---|
| Material (insert) | Liquid crystal polymer (LCP) |
| Colour (insert) | Black |
| Material (contacts) | Copper alloy |
| Surface (contacts) | Noble metal over Ni Mating side<br>Sn over Ni Termination side |
| 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 |


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## Material properties

| | |
|---|---|
| REACH SVHC substances | Not contained |
| California Proposition 65 substances | Not contained |

## Specifications and approvals

| | |
|---|---|
| UL / CSA | UL 1977 ECBT2.E102079<br>CSA-C22.2 No. 182.3 ECBT8.E102079 |

## Commercial data

| | |
|---|---|
| Packaging size | 1 |
| Net weight | 2,010 g |
| Country of origin | China |
| European customs tariff number | 85366990 |
| GTIN | 5713140205062 |
| eCl@ss | 27460201 PCB connector (board connector) |
| ETIM | EC002637 |
| UNSPSC 24.0 | 39121415 |


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