

# har-flex Power M ang 3P SMT PL1 400pcs



| •                  |   |
|--------------------|---|
| Part number        | 15 55 003 2601 000                        |
| Specification      | har-flex Power M ang 3P SMT PL1<br>400pcs |
| HARTING eCatalogue | https://b2b.harting.com/15550032601000    |

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

#### Version

| Termination method | Reflow soldering termination (SMT)  |
|--------------------|---|
| Connection type    | Motherboard to daughtercard<br>Extender card  |
| Number of contacts | 3   |
| Details            | According to IEC 61984, it is an unencapsulated connector. Protection against electric shock must be ensured by the type of installation by the user. |
| Pack contents      | 400 pieces on reel  |

### **Technical characteristics**

| Contact spacing (termination side) | 2.54 mm                            |
|------------------------------------|------------------------------------|
| Contact spacing (mating side)      | 2.54 mm                            |
| Rated current                      | 21 A                               |
| Rated voltage                      | 180 V                              |
| Rated voltage                      | acc. to IEC 60664-1                |
| Rated impulse voltage              | 1.5 kV                             |
| Pollution degree                   | 2                                  |
| Clearance distance                 | ≥1.74 mm                           |
| Creepage distance                  | ≥1.74 mm PCB<br>≥1.89 mm Connector |
| Insulation resistance              | >10 <sup>10</sup> Ω                |
| Contact resistance                 | ≤25 mΩ                             |
| Limiting temperature               | -55 +125 °C                        |
| Performance level                  | 1                                  |
| Mating cycles                      | ≥500                               |

Page 1 / 2 | Creation date 2023-03-02 | 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



#### Technical characteristics

| Test voltage U <sub>r.m.s.</sub> | 1.39 kV                             |
|----------------------------------|-------------------------------------|
| Isolation group                  | Illa (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)                        | 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  |
| REACH SVHC substances                     | Not contained  |
| California Proposition 65 substances      | Not contained  |

## Commercial data

| Packaging size                 | 1  |
|--------------------------------|--|
| Country of origin              | China                                    |
| European customs tariff number | 85366990                                 |
| GTIN                           | 5713140203990                            |
| eCl@ss                         | 27460201 PCB connector (board connector) |

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