MPT 0,5/ 5-2,54

Order No.: 1725685

The figure shows a 10-position version of the product

PC terminal block, Nominal current: 6 A, Nom. voltage: 63 V, Pitch: 2.54 mm, Number of positions: 5, Type of connection: Screw connection, Assembly: Soldering, Conductor/PCB connection direction: 0 °, Color: green

Commercial data

<table>
<thead>
<tr>
<th>EAN</th>
<th>4017918116286</th>
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</thead>
<tbody>
<tr>
<td>Pack</td>
<td>50 pcs.</td>
</tr>
<tr>
<td>Customs tariff</td>
<td>85369010</td>
</tr>
<tr>
<td>Weight/Piece</td>
<td>0.115 kg</td>
</tr>
<tr>
<td>Catalog page information</td>
<td>Page 51 (CC-2009)</td>
</tr>
</tbody>
</table>

Product notes

WEEE/RoHS-compliant since: 01/01/2003

Technical data

<table>
<thead>
<tr>
<th>Dimensions / positions</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>6.2 mm</td>
</tr>
<tr>
<td>Pitch</td>
<td>2.54 mm</td>
</tr>
<tr>
<td>Dimension a</td>
<td>10.16 mm</td>
</tr>
<tr>
<td>Specification</td>
<td>Value</td>
</tr>
<tr>
<td>----------------------------------------</td>
<td>-------------------</td>
</tr>
<tr>
<td>Number of positions</td>
<td>5</td>
</tr>
<tr>
<td>Pin dimensions</td>
<td>0.5 x 0.9 mm</td>
</tr>
<tr>
<td>Hole diameter</td>
<td>1.1 mm</td>
</tr>
<tr>
<td>Screw thread</td>
<td>M1.6</td>
</tr>
<tr>
<td>Tightening torque, min</td>
<td>0.12 Nm</td>
</tr>
<tr>
<td>Tightening torque max</td>
<td>0.15 Nm</td>
</tr>
</tbody>
</table>

**Technical data**

- Insulating material group: I
- Rated surge voltage (III/3): 1.5 kV
- Rated surge voltage (III/2): 1.5 kV
- Rated surge voltage (II/2): 2.5 kV
- Rated voltage (III/2): 160 V
- Rated voltage (II/2): 320 V
- Connection in acc. with standard: EN-VDE
- Nominal current $I_n$: 6 A
- Nominal voltage $U_n$: 63 V
- Nominal cross section: 0.5 mm²
- Maximum load current: 6 A
- Insulating material: PA
- Inflammability class acc. to UL 94: V0
- Stripping length: 4.5 mm
- Nominal voltage, UL/CUL Use Group B: 125 V
- Nominal current, UL/CUL Use Group B: 6 A

**Connection data**

- Conductor cross section solid min.: 0.14 mm²
- Conductor cross section solid max.: 0.5 mm²
- Conductor cross section stranded min.: 0.14 mm²
- Conductor cross section stranded max.: 0.5 mm²
- Conductor cross section stranded, with ferrule without plastic sleeve min.: 0.25 mm²
- Conductor cross section stranded, with ferrule without plastic sleeve max.: 0.34 mm²
- Conductor cross section stranded, with ferrule with plastic sleeve min.: 0.25 mm²
- Conductor cross section stranded, with ferrule with plastic sleeve max.: 0.34 mm²
Conductor cross section AWG/kcmil min. 26
Conductor cross section AWG/kcmil max 20
2 conductors with same cross section, solid min. 0.14 mm²
2 conductors with same cross section, solid max. 0.34 mm²
2 conductors with same cross section, stranded min. 0.14 mm²
2 conductors with same cross section, stranded max. 0.34 mm²
Minimum AWG according to UL/CUL 30
Maximum AWG according to UL/CUL 20

Drawings

Drilling plan/solder pad geometry

Diagram

Diagram
Dimensioned drawing

[Diagram showing dimensions]
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