

STL 1590

11983.1

STL 1590/3.81/2 2P PCB TERM 45°



PRODUCT DESCRIPTION

TECHNICAL DATA

GENERAL DATA

| | |
|-----------------|--------------|
| Type | Header |
| Pitch | 3,81 mm |
| Colour | Green |
| Number of poles | 2 |
| Approvals | UL, cUL, VDE |

RATINGS

| | |
|-----------------------|--------|
| Rated current | 10 A |
| Rated voltage | 160 V |
| Rated impulse voltage | 2,5 kV |
| Overvoltage category | III |
| Contamination degree | 3 |

DIMENSIONS

| | |
|--------------------------------|---------|
| Length | 13,1 mm |
| Width | 9,01 mm |
| Height | 11 mm |
| Width left | 2,6 mm |
| Width right | 2,6 mm |
| Drillhole diameter | 1,2 mm |
| Diameter of the connection pin | 0,8 mm |

| | |
|---------------|--------|
| Length of pin | 3,4 mm |
|---------------|--------|

CONNECTION DATA

| | |
|--------------------------|------------|
| Connector type/principle | Pin header |
| Connector version | Fixed |
| Number of plugin rows | 1 |

MATERIALS

| | |
|----------------------------|----------------------------|
| Housing material | Polybutylene terephthalate |
| Flammability class | UL94-V0 |
| Operating temperature from | -30 °C |
| Operating temperature to | 105 °C |
| Contact pin | Copper alloy |

APPROVALS

| | |
|-------------------|-----------------|
| UL test standard | UL 1059 |
| Rated voltage UL | 300 V |
| Rated current UL | 10 A |
| cUL test standard | CSA 22.2 No.158 |
| Rated voltage cUL | 300 V |
| Rated current cUL | 10 A |
| VDE test standard | DIN EN 61984 |
| Rated voltage VDE | 160 V |
| Rated current VDE | 10 A |

ADDITIONAL DATA

| | |
|--|-------------------------------|
| Glow wire ignition temperature (GWIT) | GWIT 775 |
| Insulation resistance | 1*10 ¹³ Ω x cm |
| Recommended wave soldering temperature | 265 °C |
| Pack size | 50 |
| Country of origin | QU |
| Tariff code | 85366990 |
| Glow wire flammability index (GWFI) | GWFI 850 |
| Angle circuit board / contact | 45°/135° (diagonally upwards) |
| Weight | 0,8 g |
| Recommended wave solder duration min | 3 s |

| | |
|---|---------|
| GWFI after-glow time | 30 s |
| Plug-in cycles acc. to standard | 100 |
| GWIT exposure time | 5 s |
| Recommended wave solder duration max | 4 s |
| Current creepage resistance | CTI 175 |

