

## STL 1550

11877.1

STL 1550/3.5/2V 2P PCB VERT



### PRODUCT DESCRIPTION

## TECHNICAL DATA

### GENERAL DATA

|                 |              |
|-----------------|--------------|
| Type            | Header       |
| Pitch           | 3,5 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                         | 7 mm    |
| Width                          | 8,4 mm  |
| Height                         | 9,2 mm  |
| Width left                     | 2,45 mm |
| Width right                    | 2,45 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           | Polyamide 6.6 |
| 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 <sup>13</sup> 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          | 90° (vertically upwards)  |
| Weight                                 | 0,4 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 600 |

