

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
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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	$1 \cdot 10^{13} \Omega \times \text{cm}$
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

