

STL 970

11759.1
STL 970/2/5,08-V GN



PRODUCT DESCRIPTION

TECHNICAL DATA

GENERAL DATA

Type	Header
Pitch	5,08 mm
Colour	Green
Number of poles	2
Approvals	UL, cUL, VDE

RATINGS

Rated current	12 A
Rated voltage	250 V
Rated impulse voltage	4 kV
Overvoltage category	III
Contamination degree	3

DIMENSIONS

Length	23,5 mm
Width	12,7 mm
Height	22 mm
Width left	2,54 mm
Width right	5,08 mm
Drillhole diameter	1,4 mm
Diameter of the connection pin	1 mm

Length of pin	3,9 mm
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CONNECTION DATA

Connector type/principle	Pin header
Connector version	Fixed
Number of plugin rows	2

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	15 A
cUL test standard	CSA 22.2 No.158
Rated voltage cUL	300 V
Rated current cUL	15 A
VDE test standard	DIN EN 61984
Rated voltage VDE	250 V
Rated current VDE	12 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	90° (vertically upwards)
Weight	2,6 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

