

## STL 975

11799.1

STL 975/5/2VG 2P DDECK HORZ



### PRODUCT DESCRIPTION

### TECHNICAL DATA

#### GENERAL DATA

Type	Header
Pitch	5 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	28,5 mm
Width	11,4 mm
Height	22 mm
Width left	3,2 mm
Width right	3,2 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	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	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	3,78 g
Recommended wave solder duration min	3 s

<b>GWFI after-glow time</b>	30 s
<b>Plug-in cycles acc. to standard</b>	100
<b>GWIT exposure time</b>	5 s
<b>Recommended wave solder duration max</b>	4 s
<b>Current creepage resistance</b>	CTI 600

