OEM AUTOMATIC

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STL 130

11435.4
STL 130/2/5,00-V BK

CONTACLIP

- Voltage capacities up to 630 V
- Up to 7 A per pole
- flame-retardant

PRODUCT DESCRIPTION

The STL 130 series from Conta-Clip is a robust line of PCB terminal blocks designed for secure and efficient through-hole mounting in demanding electrical and electronic applications. These connectors feature a wide pin pitch for optimal voltage spacing, durable polyamide housings with high thermal resistance, and flame-retardant properties rated to UL 94 V-0. With current ratings up to 7 A per pole and voltage capacities reaching 630 V (IEC), the STL 130 series offers excellent electrical isolation, making it well-suited for high-reliability circuit designs. The components are designed for wave soldering and provide solid mechanical retention thanks to their strong pin-to-board interface, ensuring long-term performance even in environments subject to mechanical stress or temperature fluctuations.

STL 130 connectors are commonly used in power supply units, industrial control panels, automation systems, and energy distribution devices. Their through-hole design supports stable installation in both commercial and industrial settings, while their straightforward configuration simplifies assembly and maintenance. Whether used for connecting control signals, distributing power, or interfacing with external modules, the STL 130 series delivers dependable connectivity in high-performance electronic systems.

TECHNICAL DATA

GENERAL DATA

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

RATINGS

Rated current	7 A
Rated voltage	250 V
Rated impulse voltage	4 kV
Overvoltage category	III
Contamination degree	3

DIMENSIONS

Length	2.8 mm

Width	10 mm
Height	9 mm
Width left	2.5 mm
Width right	2.5 mm
Drillhole diameter	1.5 mm
Diameter of the connection pin	1.3 mm
Length of pin	3.5 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	Brass

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	250 V
Rated current VDE	7 A
Plug-in cycles acc. to standard	100
Recommended wave solder duration max	4 s
Recommended wave solder duration min	3 s
Recommended wave soldering temperature	265 °C
Tariff code	85366990

Pack size	50
Weight	0.3 g
Angle circuit board / contact	90° (vertically upwards)
Country of origin	QU
Current creepage resistance	CTI 600
Glow wire flammability index (GWFI)	GWFI 850
Glow wire ignition temperature (GWIT)	GWIT 775
GWFI after-glow time	30 s
GWIT exposure time	5 s
Insulation resistance	1*10^13 Ω x cm