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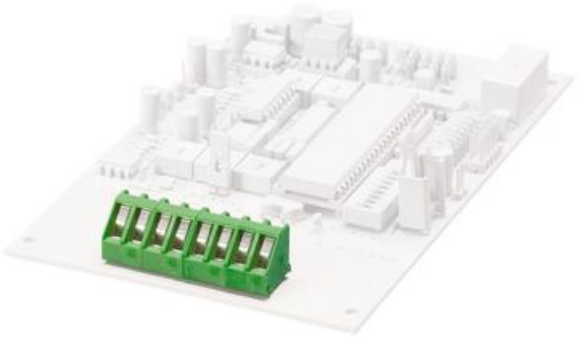
PK 300

10324.1
PK 300/5.08/2 2P PCB 45° GREEN



PRODUCT DESCRIPTION

TECHNICAL DATA

GENERAL DATA

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

RATINGS

Rated current	24 A
Rated voltage	250 V
Rated cross section	1,5 mm²
Rated impulse voltage	2 kV
Overvoltage category	III
Contamination degree	3

DIMENSIONS

Length	12,5 mm
Width	10,76 mm
Height	12,5 mm
Width left	2,54 mm
Width right	3,14 mm
Drillhole diameter	1,3 mm

Diameter of the connection pin	1 mm
Length of pin	4,5 mm

CONNECTION DATA

Connector type/principle	Screw
Number of levels	1
Angle of PCB/wire connection	45°/135° (diagonally upwards)
Type of attachment to PCB	Connecting contact
Electrical connection type to PCB	Solder
Cross section single wire from	0,14 mm²
Cross section single wire to	2,5 mm²
Cross section stranded wire from	0,14 mm²
Cross section stranded with ferrule to	1,5 mm²
Cross section stranded wire to	1,5 mm²
Cross section stranded with ferrule from	0,25 mm²
Rated wire cross section to (AWG)	12
Rated wire cross section from (AWG)	22
Stripping length	7 mm
Screw size	M 2,6
Torque	0,4 Nm

MATERIALS

Housing material	Polyamide 6.6
Flammability class	UL94-V0
Operating temperature from	-30 °C
Operating temperature to	105 °C
Solder lug	Copper alloy
Screw material	Steel
Clamp material	Brass

APPROVALS

UL test standard	UL 1059
cUL test standard	C22.2 No 158
VDE test standard	DIN EN 60998
Rated voltage VDE	250 V
Rated current VDE	24 A

ADDITIONAL DATA

Glow wire ignition temperature (GWIT)	GWIT 775
Insulation resistance	1*10^13 Ω x cm
Recommended wave soldering temperature	265 °C
Pack size	50
Country of origin	QU
Tariff code	85369010
Glow wire flammability index (GWFI)	GWFI 850
Weight	2,7 g
Recommended wave solder duration min	3 s
GWFI after-glow time	30 s
GWIT exposure time	5 s
Recommended wave solder duration max	4 s
Current creepage resistance	CTI 600
Connection cycles acc. to standard	5