OEM AUTOMATIC

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CONTACLIP

PKZ 840/841

10523.1
PKZ 840/2/6,35-V GN
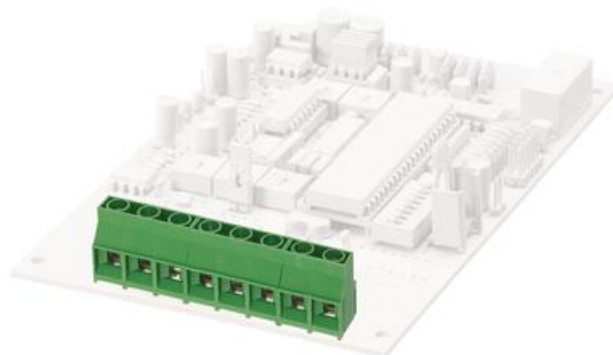
PRODUCT DESCRIPTION

TECHNICAL DATA

GENERAL DATA

Type	PCB terminal
Pitch	6.35 mm
Colour	Green
Number of poles	2
Approvals	UL, cUL, VDE

RATINGS

Rated current	32 A
Rated voltage	450 V
Rated cross section	4 mm²
Rated impulse voltage	6 kV
Overvoltage category	III
Contamination degree	3

DIMENSIONS

Length	12.5 mm
Width	13.3 mm
Height	21.5 mm
Width left	3.775 mm
Width right	3.175 mm
Drillhole diameter	1.6 mm

Diameter of the connection pin	1 mm
Length of pin	4.4 mm

CONNECTION DATA

Connector type/principle	Screw
Number of levels	1
Angle of PCB/wire connection	0°/180° (horizontal)
Type of attachment to PCB	Connecting contact
Electrical connection type to PCB	Solder
Cross section single wire from	0.2 mm²
Cross section single wire to	6 mm²
Cross section stranded wire from	0.2 mm²
Cross section stranded with ferrule to	4 mm²
Cross section stranded wire to	4 mm²
Cross section stranded with ferrule from	0.25 mm²
Rated wire cross section to (AWG)	10
Rated wire cross section from (AWG)	28
Stripping length	7 mm
Screw size	M 3,5
Torque	0.8

MATERIALS

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

APPROVALS

UL test standard	UL 1059
Rated voltage UL	300 V
Rated current UL	30 A
cUL test standard	C22.2 No 158
Rated voltage cUL	300 V

Rated current cUL	30 A
VDE test standard	DIN EN 60998
Rated voltage VDE	450 V
Rated current VDE	32 A
Recommended wave solder duration max	4 s
Recommended wave solder duration min	3 s
Recommended wave soldering temperature	265 °C
Tariff code	85369010
Pack size	50
Weight	4.97 g
Connection cycles acc. to standard	5
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

6,35 mm