

PKZ 602

12878.1 PKZ602/3.81/2V 2P PCB TERM VRT



PRODUCT DESCRIPTION

TECHNICAL DATA

GENERAL DATA

Туре	PCB terminal
Pitch	3,81 mm
Colour	Green
Number of poles	2
Approvals	UL, cUL, VDE

RATINGS

Rated current	13,5 A
Rated voltage	130 V
Rated cross section	1 mm²
Rated impulse voltage	1,25 kV
Overvoltage category	III
Contamination degree	3

DIMENSIONS

Length	7,3 mm
Width	7,62 mm
Height	10 mm
Width left	1,905 mm
Width right	1,905 mm
Drillhole diameter	1,1 mm

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 0,14 mm² Cross section single wire to 1.5 mm² Cross section stranded with ferrule to 0,5 mm² Cross section stranded with ferrule from 0,25 mm² Cross section stranded with ferrule from 0,25 mm² Rated wire cross section to (AWG) 16 Rated wire cross section from (AWG) 30 Stripping length 5 mm Screw size M 2 Torque 0,2 Nm MATERIALS MATERIALS Housing material Polyamide 6.6 Flammability class U.94-V0 Operating temperature from 105 °C Solder lug Copper alloy Screw material Bronze Clamp material Brosze		
Connector type/principle Connector type/principle Number of levels 1 Angle of PCBI/wire connection 7 Type of attachment to PCB Conceting contact Electrical connection type to PCB Cross section single wire from 0,14 mm² Cross section single wire from 0,14 mm² Cross section stranded wire from 0,14 mm² Cross section stranded wire from 0,14 mm² Cross section stranded wire from 0,5 mm² Cross section stranded wire from 0,5 mm² Cross section stranded wire to 1 mm² Cross section stranded wire to 1 mm² Cross section stranded wire to 1 mm² Cross section stranded with ferrule from 0,25 mm² Rated wire cross section (AWG) 16 Rated wire cross section from (AWG) 30 Stripping length Screw size M2 Torque M3 Cross section stranded wire to 0,2 Nm M4 Cross section stranded wire to 0,2 Nm M2 Torque M2 Torque M2 Torque M3 Cross section stranded wire to 0,2 Nm M4 Cross section stra	Diameter of the connection pin	0,88 mm
Connector type/principle Scrow 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 0,14 mm³ Cross section stranded wire from 0,14 mm³ Cross section stranded wire from 0,5 mm² Cross section stranded wire for 0,5 mm² Cross section stranded wire for 0,5 mm² Cross section stranded with ferrule from 0,25 mm² Rated wire cross section from (AWG) 16 Rated wire cross section from (AWG) 30 Stripping length 5 mm Screw size M 2 Torque 0,2 km MATERIALS Mark MATERIALS Multiplicates Upsay-V0 Operating temperature from 20 °C Operal	Length of pin	3,26 mm
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Electrical connection type to PCB Solder Cross section single wire from 0,14 mm² Cross section stranded wire from 0,14 mm² Cross section stranded wire from 0,5 mm² Cross section stranded with ferrule to 0,5 mm² Cross section stranded wire to 1 mm² Cross section stranded wire form 0,25 mm² Rated wire cross section to (AWG) 16 Rated wire cross section from (AWG) 30 Stripping length 5 mm Screw size M 2 Torque 0,2 Nm MATERIALS Multiple section of the sect	Angle of PCB/wire connection	0°/180° (horizontal)
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Torque 0,2 Nm MATERIALS Housing material Polyamide 6.6 Flammability class UL94-V0 Operating temperature from -30 °C Solder lug Copper alloy Screw material Bronze Clamp material Brass APPROVALS UL 1059 Rated current UL 10 A	Stripping length	5 mm
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Flammability class UL94-V0 Operating temperature from -30 °C Operating temperature to 105 °C Solder lug Copper alloy Screw material Bronze Clamp material Brass APPROVALS UL test standard UL 1059 Rated current UL 10 A	MATERIALS	
Operating temperature from -30 °C Operating temperature to 105 °C Solder lug Copper alloy Screw material Bronze Clamp material Brass APPROVALS UL test standard UL 1059 Rated voltage UL 300 V Rated current UL 10 A	Housing material	Polyamide 6.6
Operating temperature to Solder lug Copper alloy Screw material Bronze Clamp material Brass APPROVALS UL test standard UL 1059 Rated voltage UL 300 V Rated current UL 10 A	Flammability class	UL94-V0
Solder lug Screw material Bronze Clamp material Brass APPROVALS UL test standard UL 1059 Rated voltage UL Rated current UL 10 A	Operating temperature from	-30 °C
Clamp material Brass APPROVALS UL test standard UL 1059 Rated voltage UL 300 V Rated current UL 10 A	Operating temperature to	105 °C
Clamp material Brass APPROVALS UL test standard UL 1059 Rated voltage UL 300 V Rated current UL 10 A	Solder lug	Copper alloy
APPROVALS UL test standard UL 1059 Rated voltage UL Rated current UL 10 A	Screw material	Bronze
UL test standard UL 1059 Rated voltage UL 300 V Rated current UL 10 A	Clamp material	Brass
Rated voltage UL 300 V Rated current UL 10 A	APPROVALS	
Rated current UL 10 A	UL test standard	UL 1059
	Rated voltage UL	300 V
cUL test standard C22.2 No 158	Rated current UL	10 A
	cUL test standard	C22.2 No 158
Rated voltage cUL 300 V	Rated voltage cUL	300 V

Rated current cUL	10 A
VDE test standard	DIN EN 60998
Rated voltage VDE	130 V
Rated current VDE	13,5 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	1,2 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

