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PK 710

10467.1 PK 710/7.5/2V 2P PCB VERT GREEN



PRODUCT DESCRIPTION

TECHNICAL DATA

GENERAL DATA

Туре	PCB terminal
Pitch	7.5 mm
Colour	Green
Number of poles	2
Approvals	UL, cUL, VDE

RATINGS

Rated current	24 A
Rated voltage	750 V
Rated cross section	2.5 mm ²
Rated impulse voltage	3 kV
Overvoltage category	III
Contamination degree	3

DIMENSIONS

Length	10.5 mm
Width	15.6 mm
Height	19 mm
Width left	4.35 mm
Width right	3.75 mm
Drillhole diameter	1.3 mm

Diameter of the connection pin 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 4 mm² Cross section stranded with ferrule to 2.5 mm² Cross section stranded with ferrule from 0.25 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) 12 Rated wire cross section from (AWG) 30 Stripping length 8 mm Screw size M3 Torque 0.5 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 Ress APPROVALS UL test standard UL 1059 Rated voltage UL. 300 V		
CONNECTION DATA Connector type/principle Number of levals 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 stranded wire from 0.2 mm² Cross section stranded wire from 0.2 mm² Cross section stranded wire from 0.25 mm² Cross section stranded wire from 0.25 mm² Cross section stranded wire from 0.25 mm² Rated wire cross section for (AWG) 12 Rated wire cross section from (AWG) Stripping length 8 mm Screw size M.3 Torque 0.5 MATERIALS Housing material Polyamide 6.6 Flammability class UL94-V0 Operating temperature from -30 °C Operating temperature to 105 °C Solder lug Screw material Brass APPROVALS UL test standard UL 1059	Diameter of the connection pin	0.9 mm
Connector type/principle Screw Number of levels 1 Angle of PCB/wire connection 0°/180° (horizzontal) Type of attachment to PCB Connecting contact Electrical connection type to PCB Solder Cross section single wire from 0.2 mm² Cross section stranded wire from 0.2 mm² Cross section stranded wire from 0.25 mm² Cross section stranded wire to 2.5 mm² Cross section stranded wire from 0.25 mm² Rated wire cross section from (AWG) 12 Rated wire cross section from (AWG) 30 Stripping length 8 mm Screw size M 3 Torque 0.5 MATERIALS U.94-V0 Operating temperature from -30 °C Operating temperature from -30 °C Operating temperature from -30 °C Solder lug Copper alloy Screw material Steel Clamp material Brass APPROVALS UL 1059	Length of pin	4 mm
Number of levels 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 stranded wire from 0.2 mm² Cross section stranded wire from 0.2 mm² Cross section stranded with ferrule to 2.5 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) 12 Rated wire cross section from (AWG) Stripping length 8 mm Screw size M.3 Torque 0.5 MATERIALS Housing material Polyamide 6.6 Flammability class UL94-V0 Operating temperature from -30 °C Operating temperature to Solder lug Copper alloy Screw material Steel Clamp material Brass APPROVALS UL test standard UL 1059	CONNECTION DATA	
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 4 mm² Cross section stranded wire from 0.2 mm² Cross section stranded wire from 0.2 mm² Cross section stranded with ferrule to 2.5 mm² Cross section stranded wire to 2.5 mm² Cross section stranded with ferrule from 0.25 mm² Rated wire cross section to (AWG) 12 Rated wire cross section from (AWG) 30 Stripping length 8 mm Screw size M3 Torque 0.5 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 Brass APPROVALS UL test standard UL 1059	Connector type/principle	Screw
Type of attachment to PCB Electrical connection type to PCB Solder Cross section single wire from 0.2 mm² Cross section stranded wire to 4 mm² Cross section stranded with ferrule to 2.5 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) 12 Rated wire cross section from (AWG) 30 Stripping length 8 mm Screw size M3 Torque 0.5 MATERIALS Housing material Polyamide 6.6 Flammability class UL94-V0 Operating temperature from -30 °C Operating temperature to 105 °C Solder lug Cropper alloy Screw material Brass APPROVALS UL test standard UL 1059	Number of levels	1
Electrical connection type to PCB Cross section single wire from 0.2 mm² Cross section stranded wire to 4 mm² Cross section stranded wire from 0.2 mm² Cross section stranded wire from 0.2 mm² Cross section stranded wire from 2.5 mm² Cross section stranded wire to 2.5 mm² Cross section stranded wire to 0.25 mm² Rated wire cross section to (AWG) 12 Rated wire cross section to (AWG) Stripping length 8 mm Screw size M 3 Torque 0.5 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 Brass APPROVALS UL test standard UL 1059	Angle of PCB/wire connection	0°/180° (horizontal)
Cross section single wire from 0.2 mm² Cross section stranded wire to 4 mm² Cross section stranded wire from 0.2 mm² Cross section stranded with ferrule to 2.5 mm² Cross section stranded wire to 2.5 mm² Cross section stranded with ferrule from 0.25 mm² Rated wire cross section to (AWG) 12 Rated wire cross section to (AWG) 30 Stripping length 8 mm Screw size M3 Torque 0.5 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 Brass APPROVALS UL test standard UL 1059	Type of attachment to PCB	Connecting contact
Cross section single wire to 4 mm² Cross section stranded wire from 0.2 mm² Cross section stranded with ferrule to 2.5 mm² Cross section stranded with ferrule to 2.5 mm² Cross section stranded with ferrule from 0.25 mm² Rated wire cross section to (AWG) 12 Rated wire cross section from (AWG) 30 Stripping length 8 mm Screw size M3 Torque 0.5 MATERIALS Housing material Polyamide 6.6 Flammability class UL.94-V0 Operating temperature from -30 °C Operating temperature to 105 °C Solder lug Copper alloy Screw material Brass APPROVALS UL test standard UL 1059	Electrical connection type to PCB	Solder
Cross section stranded wire from 0.2 mm² Cross section stranded with ferrule to 2.5 mm² Cross section stranded wire to 2.5 mm² Cross section stranded with ferrule from 0.25 mm² Rated wire cross section to (AWG) 12 Rated wire cross section from (AWG) 30 Stripping length 8 mm Screw size M 3 Torque 0.5 MATERIALS Housing material Polyamide 6.6 Flammability class UL.94-V0 Operating temperature from -30 °C Operating temperature to 105 °C Solder lug Copper alloy Screw material Brass APPROVALS UL test standard UL 1059	Cross section single wire from	0.2 mm ²
Cross section stranded with ferrule to Cross section stranded wire to 2.5 mm² Cross section stranded with ferrule from 0.25 mm² Rated wire cross section to (AWG) Rated wire cross section from (AWG) Stripping length 8 mm Screw size M3 Torque 0.5 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 Brass APPROVALS UL test standard UL 1059	Cross section single wire to	4 mm²
Cross section stranded wire to Cross section stranded with ferrule from 0.25 mm² Rated wire cross section to (AWG) 12 Rated wire cross section from (AWG) 30 Stripping length 8 mm Screw size M 3 Torque 0.5 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 Brass APPROVALS UL test standard UL 1059	Cross section stranded wire from	0.2 mm ²
Cross section stranded with ferrule from Rated wire cross section to (AWG) Rated wire cross section from (AWG) Stripping length 8 mm Screw size M 3 Torque 0.5 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 Clamp material Brass APPROVALS UL 1059	Cross section stranded with ferrule to	2.5 mm²
Rated wire cross section to (AWG) Rated wire cross section from (AWG) Stripping length 8 mm Screw size M 3 Torque 0.5 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 Brass APPROVALS UL test standard UL 1059	Cross section stranded wire to	2.5 mm²
Rated wire cross section from (AWG) 30 Stripping length 8 mm Screw size M 3 Torque 0.5 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 1059	Cross section stranded with ferrule from	0.25 mm ²
Stripping length 8 mm Screw size M3 Torque 0.5 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 1059	Rated wire cross section to (AWG)	12
Torque 0.5 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 1059	Rated wire cross section from (AWG)	30
Torque 0.5 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 1059	Stripping length	8 mm
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	Screw size	M 3
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	Torque	0.5
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 1059	MATERIALS	
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	Housing material	Polyamide 6.6
Operating temperature to 105 °C Solder lug Copper alloy Screw material Steel Clamp material Brass APPROVALS UL test standard UL 1059	Flammability class	UL94-V0
Solder lug Copper alloy Screw material Clamp material Brass APPROVALS UL test standard UL 1059	Operating temperature from	-30 °C
Screw material Clamp material Brass APPROVALS UL test standard UL 1059	Operating temperature to	105 °C
Clamp material Brass APPROVALS UL test standard UL 1059	Solder lug	Copper alloy
APPROVALS UL test standard UL 1059	Screw material	Steel
UL test standard UL 1059	Clamp material	Brass
	APPROVALS	
Rated voltage UL 300 V	UL test standard	UL 1059
	Rated voltage UL	300 V
Rated current UL 6 A	Rated current UL	6 A
cUL test standard C22.2 No 158	cUL test standard	C22.2 No 158
Rated voltage cUL 300 V	Rated voltage cUL	300 V

Rated current cUL	6 A
VDE test standard	DIN EN 60998
Rated voltage VDE	750 V
Rated current VDE	24 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	4.7 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



