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PKD 370

10412.1
PKD 370/2/5,00-V GN

PRODUCT DESCRIPTION

TECHNICAL DATA

GENERAL DATA

Type	PCB terminal
Pitch	5 mm
Colour	Green
Number of poles	2
Number of connections	4
Approvals	UL, cUL, VDE

RATINGS

Rated current	17.5 A
Rated voltage	250 V
Rated cross section	1.5 mm²
Rated impulse voltage	2 kV
Overvoltage category	III
Contamination degree	3

DIMENSIONS

Length	21 mm
Width	13.1 mm
Height	24.1 mm
Width left	3.1 mm
Width right	5 mm

Drillhole diameter	1.3 mm
Diameter of the connection pin	0.8 mm
Length of pin	3.5 mm

CONNECTION DATA

Connector type/principle	Screw
Number of levels	2
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	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	6 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	Brass
Screw material	Steel
Clamp material	Brass

APPROVALS

UL test standard	UL 1059
Rated voltage UL	300 V
Rated current UL	15 A
cUL test standard	CSA 22.2 No.158

Rated voltage cUL	300 V
Rated current cUL	15 A
VDE test standard	DIN EN 60998
Rated voltage VDE	250 V
Rated current VDE	17.5 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	5.7 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