



PBT 1200

11354.1

PBT 1200/2/5,08, 2 pole Plug-in PCB Connector



PRODUCT DESCRIPTION

TECHNICAL DATA

GENERAL DATA

Type	Plug-in connector
Pitch	5,08 mm
Colour	Green
Number of poles	2
Approvals	UL, cUL, VDE

RATINGS

Rated current	12 A
Rated voltage	250 V
Rated cross section	2,5 mm ²
Rated impulse voltage	4 kV
Overvoltage category	III
Contamination degree	3

DIMENSIONS

Length	15 mm
Width	10,16 mm
Height	27,5 mm
Width left	2,54 mm

Width right	2,54 mm
-------------	---------

CONNECTION DATA

Connector type/principle	Eccentric cam
Contact version	Female connector
Connector version	Pluggable
Number of plugin rows	1
Cross section single wire from	0,2 mm ²
Cross section single wire to	4 mm ²
Cross section stranded wire from	0,2 mm ²
Cross section stranded with ferrule to	2,5 mm ²
Cross section stranded wire to	2,5 mm ²
Cross section stranded with ferrule from	0,25 mm ²
Rated wire cross section to (AWG)	12
Rated wire cross section from (AWG)	22
Stripping length	10 mm
Screw size	M 2,5
Torque	0,5 Nm

MATERIALS

Housing material	Polyamide 6.6
Flammability class	UL94-V0
Operating temperature from	-30 °C
Operating temperature to	105 °C
Eccentric cam	Steel
Clamping cage material	Steel
Contact spring	Bronze
Screw material	Steel

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 61984
Rated voltage VDE	250 V
Rated current VDE	12 A

ADDITIONAL DATA

Glow wire ignition temperature (GWIT)	GWIT 775
Insulation resistance	$1 \cdot 10^{13} \Omega \times \text{cm}$
Pack size	50
Angle of wire connection/contact	0°/180° (horizontal)
Country of origin	QU
Tariff code	85366990
Glow wire flammability index (GWFI)	GWFI 850
Weight	6,2 g
GWFI after-glow time	30 s
Plug-in cycles acc. to standard	100
GWIT exposure time	5 s
Current creepage resistance	CTI 600
Connection cycles acc. to standard	5

