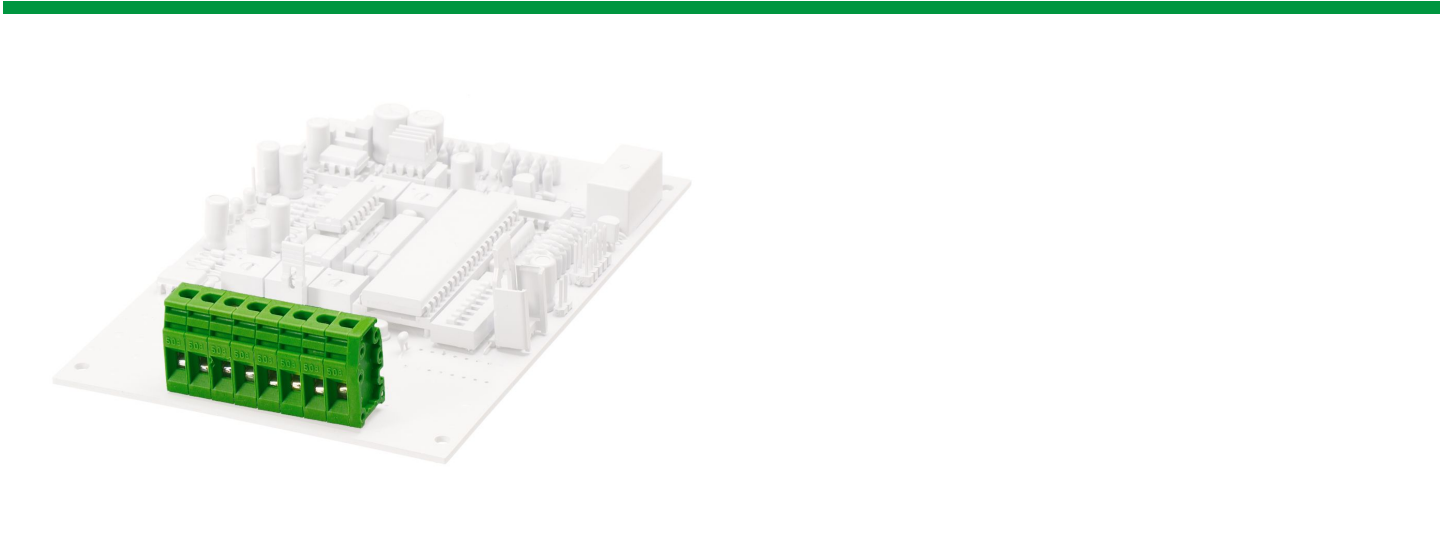


Data sheet

5110.1 PK 2,5/10/5,08 GN



PCB terminal, Screw connection, No. of poles: 10, Width: 53.34 mm, Colour: Green

Business data

Article number	5110.1
Article name	PK 2,5/10/5,08 GN
GTIN (EAN)	4044211066567
Packaging unit	20
Quantity unit	PC
Packaging type	Carton
Type of banding	Without
Weight per piece (not including packaging)	19 g
Weight per piece (including packaging)	20.9 g
Unit of weight	G
Customs number	85369010
Country of origin	CZ
Prio-Article	5110.1

Technical data

Dimensions

Length	12 mm
Length of the pin	4.5 mm
Width	53.34 mm
Width left	2.54 mm
Width right	5.08 mm
Height	20 mm
Drill hole diameter	1.3 mm
Pitch	5.08 mm

Ratings

Rated voltage	250 V
Rated current	16 A
Rated cross-section	2.5 mm ²
Rated impulse voltage	4 kV
Overvoltage category	III
Contamination degree	3

Connection data

Connection principle	Screw connection
Connection type of PCB	Solder connection
Type of attachment to circuit board	Connecting contact
Angle of PCB/wire connection	0°/180° (horizontal)
No. of poles	10
Number of levels	1
Wire cross-section single-core (rigid) / stranded, min.	0.2 mm ²
Wire cross-section single core (rigid)/stranded, max.	4 mm ²
Wire cross-section stranded, min.	0.2 mm ²
Wire cross-section stranded, max.	2.5 mm ²
Wire cross-section stranded with wire-end ferrules, min.	0.2 mm ²
Wire cross-section stranded with wire-end ferrules, max.	2.5 mm ²
Wire cross-section AWG, min.	24
Wire cross-section AWG, max.	14
Stripping length	7 mm
Screw threading	M 2,5
Torque	0.6 Nm

Technical data

Materials

Insulation housing	Polyamide 6.6
Flammability class UL 94	V-2
Working temperature, min.	-30 °C
Working temperature, max.	105 °C
Clamping element	Steel
Screws	Steel
Soldering lug	Copper

Further technical data

Storage temperature, min.	-40 °C
Storage temperature, max.	105 °C
Insulation resistance	1*10 ¹² Ohm x cm
Creepage-current resistance	CTI 600
Glow wire flammability index GWFI	GWFI 960
GWFI after-glow time	30 Sek.
Glow wire ignition temperature GWIT	GWIT 775 °C
GWIT exposure time	5 Sek.
Recommended wave soldering temperature	260 °C
Recommended wave soldering duration, min.	3 Sek.
Recommended wave soldering duration, max.	4 Sek.

Environmental Product Compliance

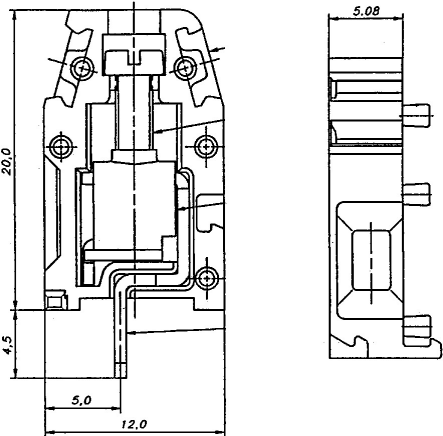
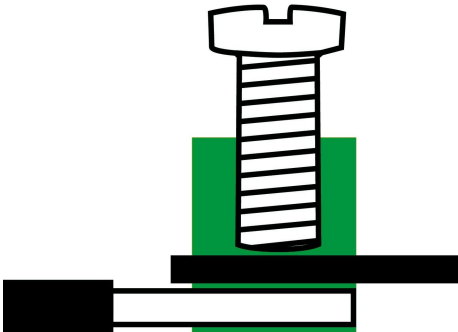
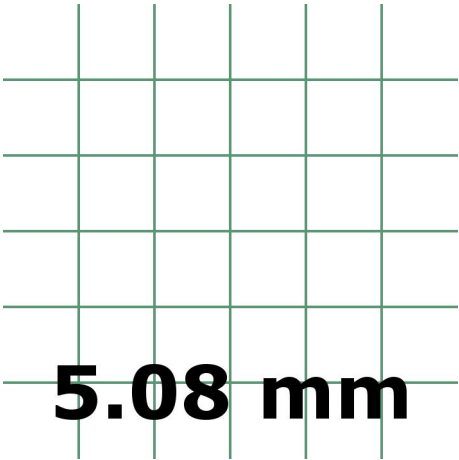
REACH Conform	yes
REACH Reference date	2023-06-14
REACH Candidate Substance Note	No
RoHS Conform	yes

Approvals

CSA approval

CSA approval	CSA 22.2 No.158
CSA approval granted	yes
CSA Usegroup B: rated voltage	300 V
CSA Usegroup B: rated current	20 A
CSA wire cross-section AWG, min.	24
CSA wire cross-section AWG, max.	14
CSA stripping length	7 mm
CSA torque	0.6 Nm

Media



Accessories
