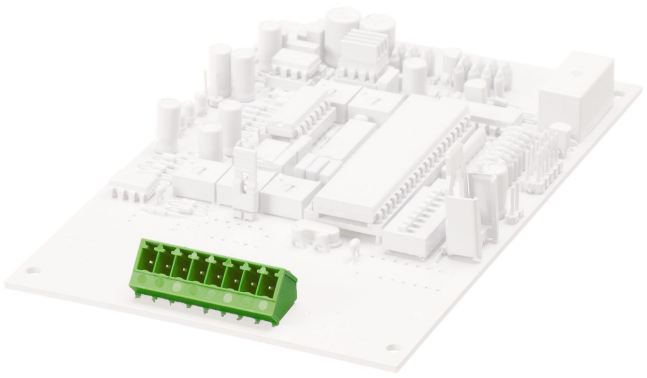
Data sheet

11990.1 STL 1590/9/3,81-G GN



Male pin block, No. of poles: 9, Width: 35.68 mm, Colour: Green

Business data

Article number	11990.1
Article name	STL 1590/9/3,81-G GN
GTIN (EAN)	4044211027537
Connector version	Attached plug-in connector
Packaging unit	50
Quantity unit	PC
Packaging type	Carton
Type of banding	Without
Weight per piece (not including packaging)	3 g
Weight per piece (including packaging)	3.5 g
Unit of weight	G
Customs number	85366930
Country of origin	QU
Colour	Green

Data sheet

11990.1 STL 1590/9/3,81-G GN

Technical data

Dimensions	
Length	13.1 mm
Length of the pin	3.4 mm
Width	35.68 mm
Width left	2.6 mm
Width right	2.6 mm
Height	11 mm
Drill hole diameter	1.2 mm
Diameter of connecting pin	0.8 mm
Pitch	3.81 mm
Ratings	
Rated voltage	160 V
Rated current	10 A
Rated impulse voltage	2.5 kV
Overvoltage category	III
Contamination degree	3
Connection data	
Angle of PCB/contact	45°/135° (slanted upwards)
Number of plug-in rows	1
No. of poles	9
Materials	
Insulation housing	Polybutylene terephthalate
Flammability class UL 94	V-0
Working temperature, min.	-30 °C
Working temperature, max.	105 °C
Contact pin	Copper alloy

Data sheet

11990.1 STL 1590/9/3,81-G GN

Technical data

Further technical data

Storage temperature, min.	-40 °C
Storage temperature, max.	105 °C
Insulation resistance	1*10^13 Ohm x cm
Creepage-current resistance	CTI 175
Glow wire flammability index GWFI	GWFI 850
GWFI after-glow time	30 Sek.
Glow wire ignition temperature GWIT	GWIT 775 °C
GWIT exposure time	5 Sek.
Plug-in cycles acc. to standard	100
Recommended wave soldering temperature	265 °C
Recommended wave soldering duration, min.	3 Sek.
Recommended wave soldering duration, max.	4 Sek.

Environmental Product Compliance

REACH Conform	yes
REACH Reference date	2022-06-10
REACH Candidate Substance Note	No
RoHS Conform	yes

Approvals

cUL Recognized

cUL approval	CSA 22.2 No.158
cUL Usegroup B: rated voltage	300 V
cUL Usegroup B: rated current	10 A
cUL Usegroup D: rated voltage	300 V
cUL Usegroup D: rated current	10 A
cUL wire material	Cu
cUL Recognized	1

UL Recognized

UL approval	UL 1059
UL Usegroup B: rated voltage	300 V
UL Usegroup B: rated current	10 A
UL Usegroup D: rated voltage	300 V
UL Usegroup D: rated current	10 A
UL wire material	Cu
UL factory wiring	1
UL Recognized	1

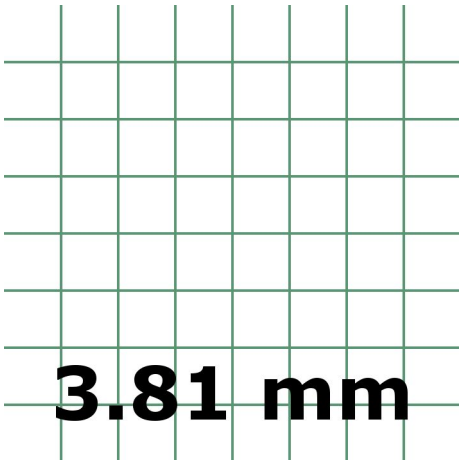
VDE approval

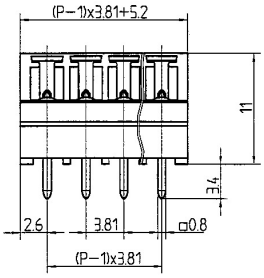
VDE approval	DIN EN 61984
VDE approval granted	yes
VDE rated voltage	160 V
VDE rated current	10 A
VDE rated impulse voltage	2.5 kV
VDE overvoltage category	III
VDE contamination degree	3

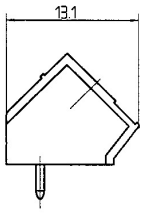
Data sheet

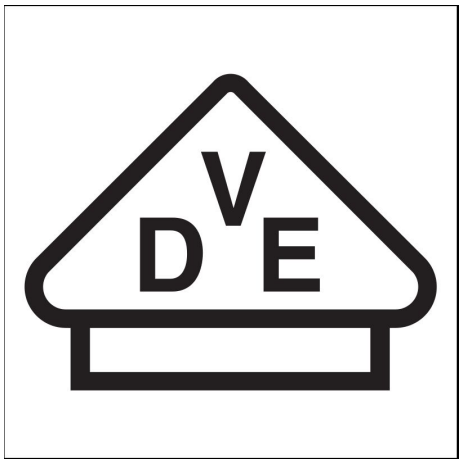
11990.1 STL 1590/9/3,81-G GN

Media









Data sheet

11990.1 STL 1590/9/3,81-G GN

Accessories