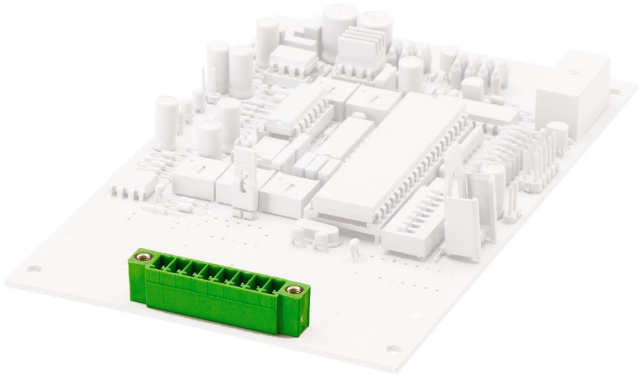
Data sheet

13801.1 STL 1550/16/3,81-V-F GN



Male pin block, No. of poles: 16, Width: 71.35 mm, Colour: Green

Business data

Article number	13801.1
Article name	STL 1550/16/3,81-V-F GN
GTIN (EAN)	4044211088149
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)	4 g
Weight per piece (including packaging)	4.8 g
Unit of weight	G
Customs number	85366930
Country of origin	TN
Colour	Green

Data sheet

13801.1 STL 1550/16/3,81-V-F GN

Technical data

Dimensions	
Length	6.9 mm
Length of the pin	3.4 mm
Width	71.35 mm
Width left	7.1 mm
Width right	7.1 mm
Height	9.2 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	90° (vertically upwards)
Number of plug-in rows	1
No. of poles	16

Materials	
Insulation housing	Polyamide 6.6
Flammability class UL 94	V-0
Working temperature, min.	-30 °C
Working temperature, max.	105 °C
Contact pin	Copper alloy
Flange, threaded insert	Brass

Data sheet

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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 600
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	No
REACH Reference date	2023-06-14
REACH Candidate Substance Note	No
REACH CAS 1 Substance	LEAD
REACH CAS 1 Percent minimal	0.1 %
REACH CAS 1 Percent maximum	4 %
REACH CAS 1 Number	7439-92-1
RoHS Conform	yes
RoHS Exception rule	6c

Data sheet

13801.1 STL 1550/16/3,81-V-F GN

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

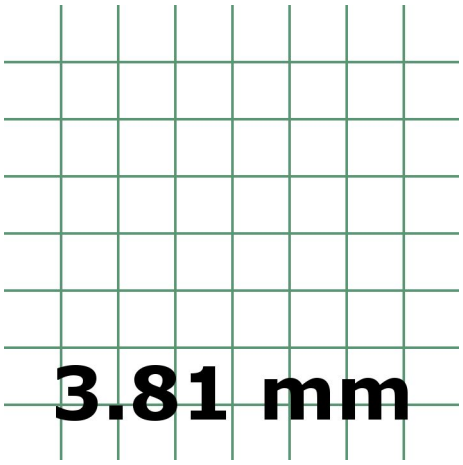
UL Recognized	
UL approval	UL 1059
UL Usegroup B: rated voltage	300 V
UL Usegroup B: rated current	10 A
UL Usegroup D: rated voltage	300 V
UL Usegroup D: rated current	10 A
UL wire material	Cu
UL factory wiring	1
UL Recognized	1

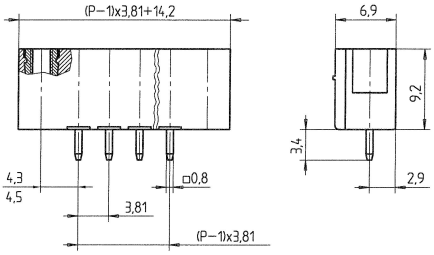
VDE approval	
VDE approval	DIN EN 61984
VDE approval granted	yes
VDE rated voltage	160 V
VDE rated current	10 A
VDE rated impulse voltage	2.5 kV
VDE overvoltage category	III
VDE contamination degree	3

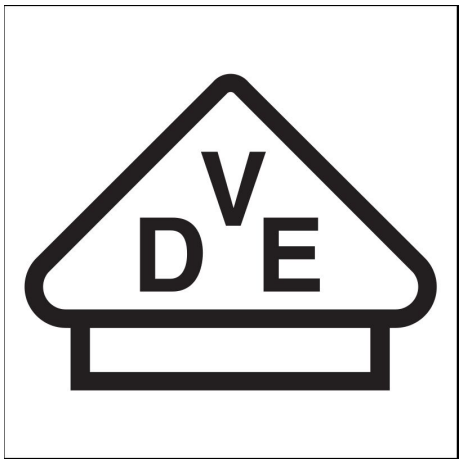
Data sheet

13801.1 STL 1550/16/3,81-V-F GN

Media







Accessories