Data sheet

13454.1 STL 970/5/5,08-V-F GN



Male pin block, No. of poles: 5, Width: 38.1 mm, Colour: Green

Business data

Article number	13454.1
Article name	STL 970/5/5,08-V-F GN
GTIN (EAN)	4044211083106
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)	7.5 g
Weight per piece (including packaging)	8.6 g
Unit of weight	G
Customs number	85366930
Country of origin	QU
Colour	Green

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Technical data

Dimensions	
Length	23.5 mm
Length of the pin	3.9 mm
Width	38.1 mm
Width left	7.62 mm
Width right	10.16 mm
Height	22 mm
Drill hole diameter	1.4 mm
Diameter of connecting pin	1 mm
Pitch	5.08 mm
Ratings	
Rated voltage	250 V
Rated current	12 A
Rated impulse voltage	4 kV
Overvoltage category	III
Contamination degree	3
Connection data	
Angle of PCB/contact	90° (vertically upwards)
Number of plug-in rows	2
No. of poles	5
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
Flange, threaded insert	Brass

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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 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	No
REACH Reference date	2022-06-10
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

Approvals

cUL Recognized

cUL approval	CSA 22.2 No.158
cUL Usegroup B: rated voltage	300 V
cUL Usegroup B: rated current	15 A
cUL Usegroup C: rated voltage	150 V
cUL Usegroup C: rated current	15 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	15 A
UL Usegroup C: rated voltage	150 V
UL Usegroup C: rated current	15 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

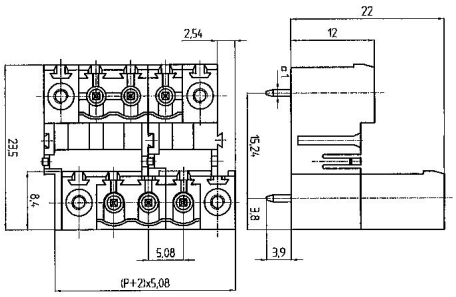
VDE approval

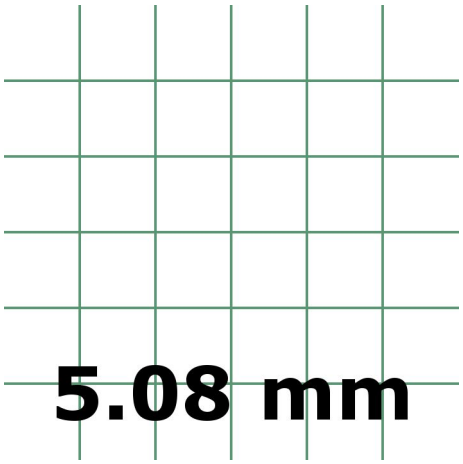
VDE approval	DIN EN 61984
VDE approval granted	yes
VDE rated voltage	250 V
VDE rated current	12 A
VDE rated impulse voltage	4 kV
VDE overvoltage category	III
VDE contamination degree	3

Data sheet

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Media





Accessories