



11544.1

STL 950/8/5,08-V GN

---

## Technical data

---

### Dimensions

---

Length	8.4 mm
Length of the pin	3.9 mm
Width	40.64 mm
Width left	2.54 mm
Width right	2.54 mm
Height	12 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	1
No. of poles	8

### 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

11544.1

STL 950/8/5,08-V GN

---

## Technical data

---

### Further technical data

---

Storage temperature, min.	-40 °C
Storage temperature, max.	105 °C
Insulation resistance	1*10 <sup>13</sup> 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.

### Print

---

Colour	Green
--------	-------

### Environmental Product Compliance

---

REACH Conform	yes
REACH Reference date	2021-07-08
REACH Candidate Substance Note	No
RoHS Conform	yes

11544.1

STL 950/8/5,08-V GN

## 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	yes

### 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	yes
UL Recognized	yes

### VDE approval

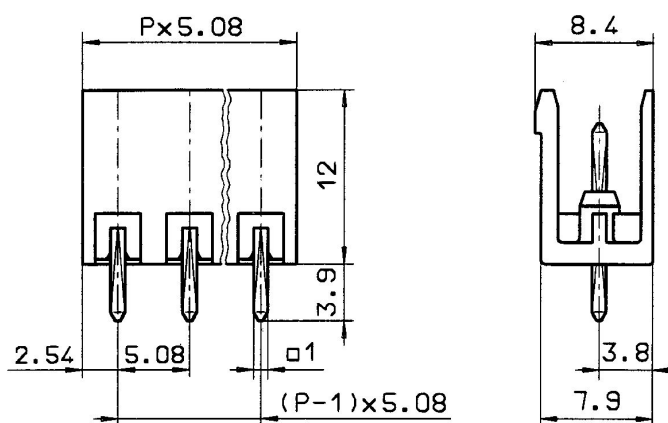
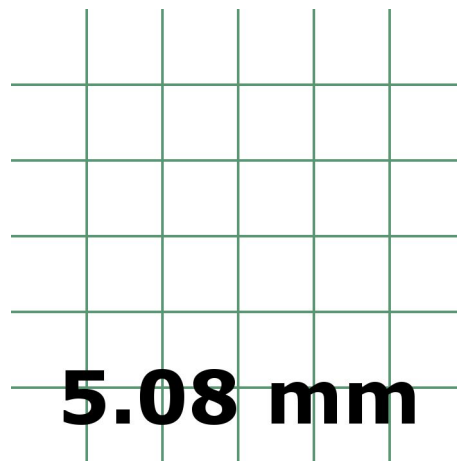
VDE approval	DIN EN 61984
VDE approval granted	yes
VDE rated voltage	250 V
VDE rated current	12 A
VDE rated impulse voltage	4 kV
VDE overvoltage category	III
VDE contamination degree	3

11544.1

STL 950/8/5,08-V GN

## Media

**CRA<sup>®</sup> US**



11544.1

STL 950/8/5,08-V GN

---

## Accessories

---