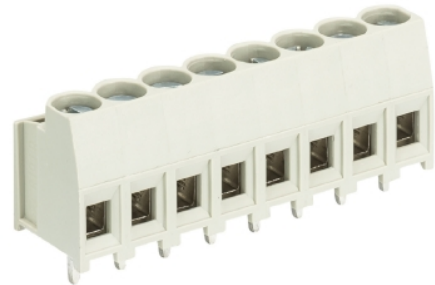


Data sheet

Commercial Art.No.: 25.155.2253.0

Printed circuit board terminal 8191 R / 2 Z

PCB terminal with screw connection with rising cage clamp system, 2 poles, printed version, with insulating plate, with solder pin (3.5mm), max. cross section: 2.5 mm², pitch: 5 mm, type of packing: carton, color: grey



Commercial Art.No.	25.155.2253.0
EAN	4015573538085
Order Unit	500

Certificates / Approvals



Technical data

General

Modular spacing	5 mm
Connection type	screw connection
Soldering process	Wave soldering
Packaging	Carton
Number of poles	2
Conductor to circuit board	180°
Number of levels	1
Integrated test socket	No
Insulation plate	yes
Retaining pins	No
Marking	yes

Technical data

Nominal cross section	2.5 mm ²
Rated current	16 A
Overvoltage Category I	1000 V
Overvoltage Category II	690 V
Overvoltage Category III	250 V
Rated impulse voltage	4 kV
Wire strip length	6.5 mm

Connection Data

Minimum cross section solid	0.14 mm ²
Maximum cross section solid	4 mm ²
Minimum cross section fine stranded	0.14 mm ²
Maximum cross section fine stranded	2.5 mm ²

Wire strip length	6.5 mm
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Technical Data UL/CSA

Cross section UL	22-12 AWG
Voltage UL	300 V
Current field wiring	20 A
Current factory wiring	30 A
Cross section CSA	22-12 AWG
Voltage CSA	300 V
Current CSA	25 A

Other

Type of insulation material	Thermoplastic
Color	Grey
Height	15 mm
Length	10.85 mm
Depth	11.5 mm
Material attachment screw	Steel
Material contact base	E-Cu
Material contact surface	Sn

Classification

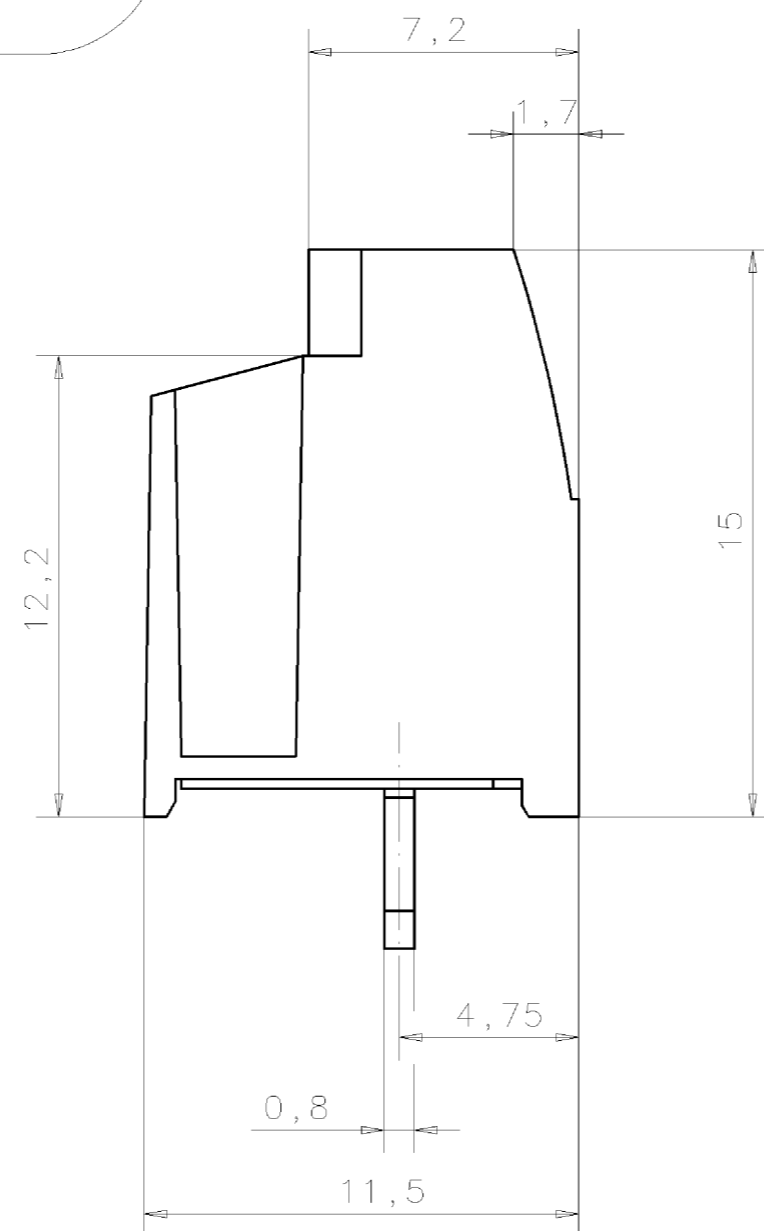
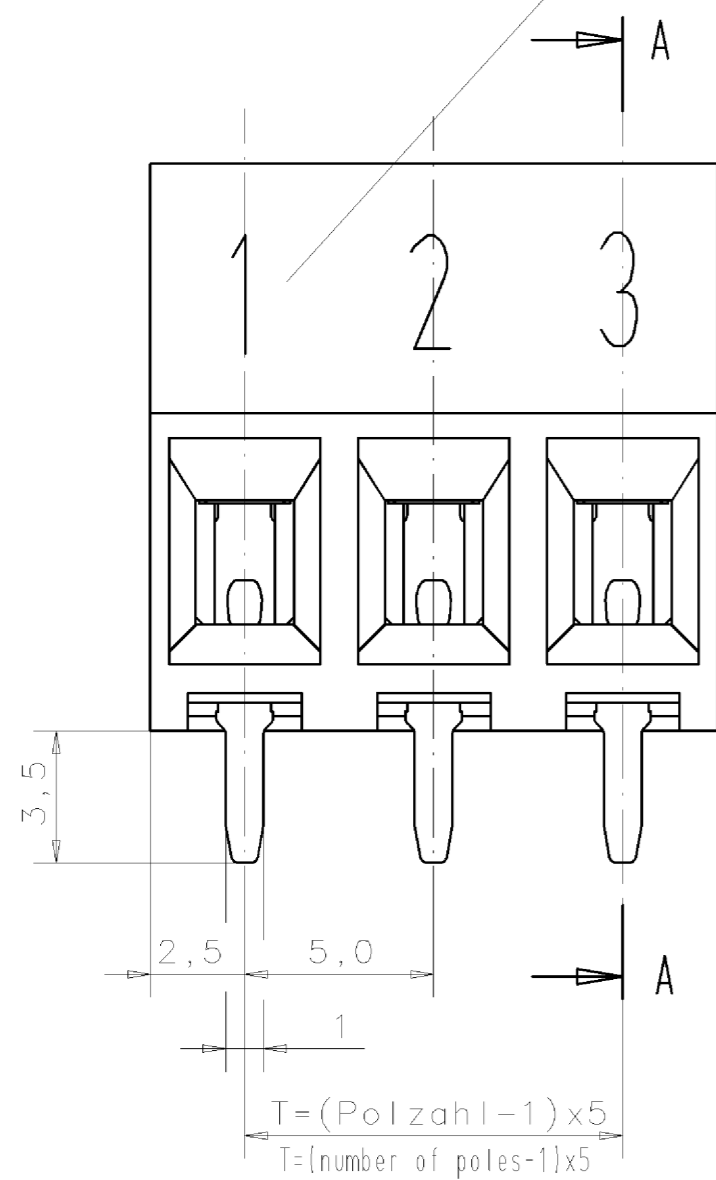
ECLASS 11	
ECLASS 8.1	27440401
ETIM 7.0	EC002643
ETIM 6.0	EC002643
ETIM 5.0	EC002643
ETIM 4.0	EC002643

Product compliance

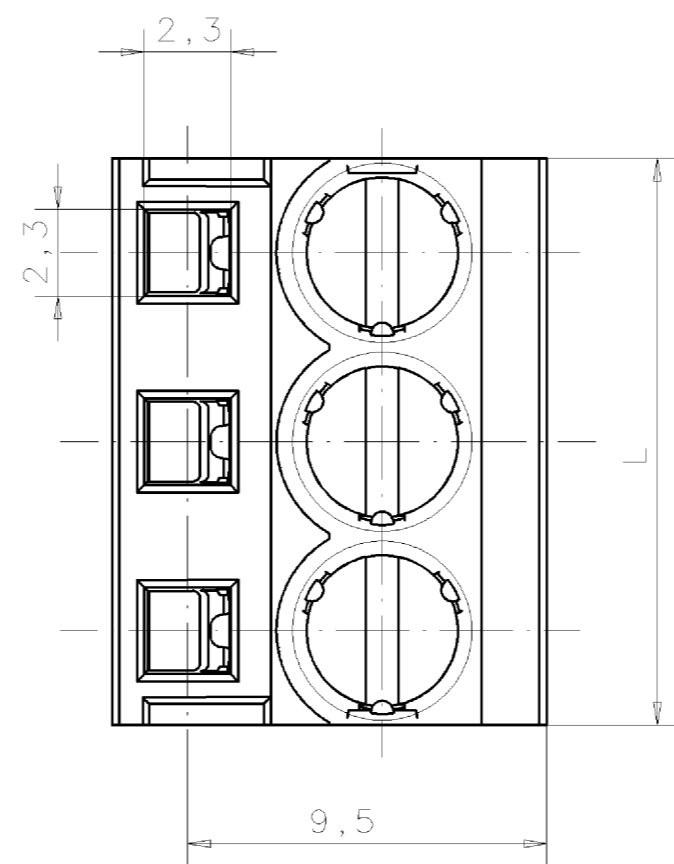
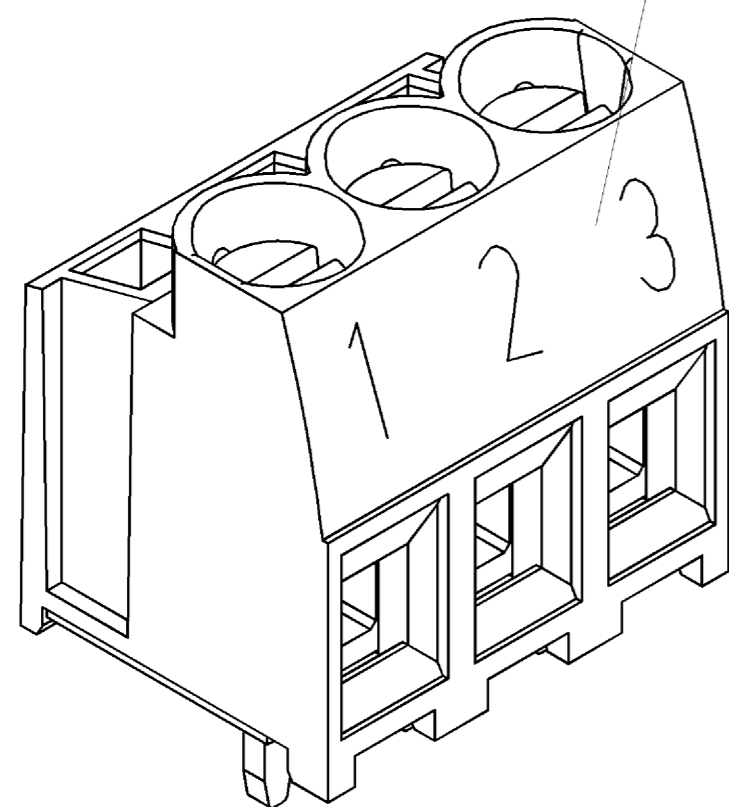
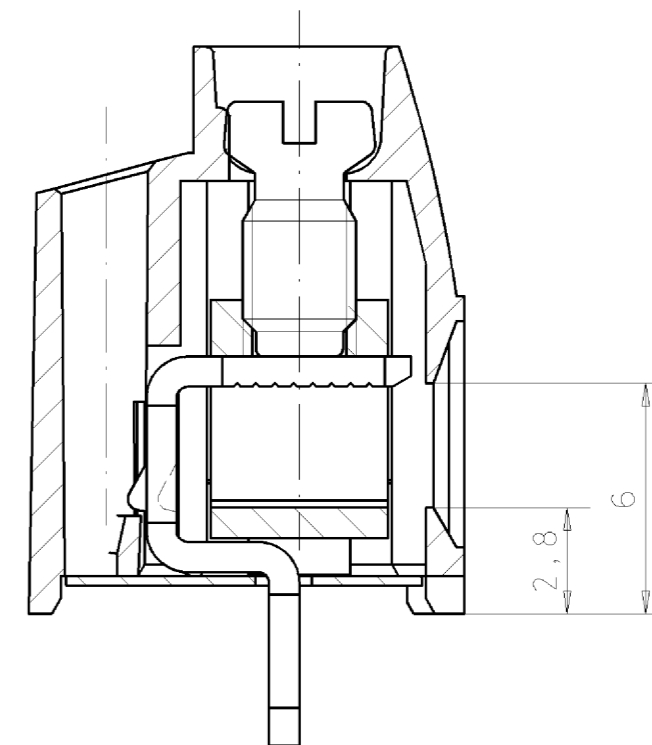
ROHS conformity status	Compliant/Exempted
ROHS exceptions	III-6(c)
REACH-SVHC conformity status	Duty-To-Declare
REACH-SVHC substances	Lead
REACH-SVHC CAS numbers	7439-92-1

Achtung/Attention!

Ausführungen mit oder ohne Beschriftung
Typ siehe Tabelle
version with or without marking
type see table



A-A



.F	Farbe/colour
.0	grau/grey
.1	schwarz/black

25.155.2253.F 25.155.3853.F	8191 R / 2 Z - 8191 R / 18 Z	2- 18	$T = (\text{Polzahl} - 1) \times 5$ (number of poles - 1) x 5	L=T+5	1-18
25.155.0253.F 25.155.1853.F	8191 R / 2 Z OB - 8191 R / 18 Z OB	2- 18	$T = (\text{Polzahl} - 1) \times 5$ (number of poles - 1) x 5	L=T+5	
Teile-Nr. part-no.	Typ type	Polzahl number of poles	T	L	Beschriftung marking

Tolerierung nach DIN 7167/Tolerance system acc. to DIN 7167. (This DIN-standard describes the envelope principle. According to the envelope principle the deviations of form and parallelism are limited by the size tolerances). ja/yes Stoffverhalts- und Deklarationsliste nach UU-TOM-05/03 ist einzuhalten. Conformity with Wieland document UU-TOM-05/03 (list of prohibited / declarable hazardous substances) to be declared!

Freitoleranz nach - CAD - Zeichnung, keine manuellen Änderungen EAD - drawing, no manual modifications allowed First Use: - Blatt: 1 von 1 Sheet: 1 of 1

Werkstoff/Material	2008	Tag/Date	Name	Zeichnung Nr./Drawing No.	Index
Maßstab/Scale	18.03.	Dutsch T.	T	25.155.0253.0 01K	
Vol.	mm	Offl./Surf.	mm	Maße in mm/Dimensions are in mm	
Ersatz für/Replacement for: -			Benennung/Title		
wieland			Type	PCB TERMINAL LP_KLEMME	
Elektrische Verbindungen			8191 R	250 V / 16 A / 2,5 mm ²	
Index	Datum / Blatt	Date / Sheet			
Änderung/Revision					

Weitere Daten siehe Katalog
further data see catalog

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