

Data sheet

Commercial Art.No.: 25.613.2256.1

pluggable PCB Terminal 8142 Z/2 RF OB

Pluggable-PCB terminal with screw connection with rising cage clamp system, 2 poles, with insulating plate, max. cross section: 2.5 mm², pitch: 5 mm, type of packing: carton, color: black



Commercial Art.No.	25.613.2256.1
EAN	4049088191527
Order Unit	100

certificates / approvals



Technical data

general

modular spacing	5 mm
connection type	screw connection
soldering process	none
packaging	carton
number of poles	2
number of levels	1
integrated test socket	no
insulation plate	no
retaining pins	no
marking	no
mating direction towards connector	90°

technical data

nominal cross section	2.5 mm ²
rated current	1.5 A
overvoltage category I	1000 V
overvoltage category II	320 V
overvoltage category III	200
rated impulse voltage	4 kV
wire strip length	6 mm

connection data

minimum cross section solid	0.5 mm ²
-----------------------------	---------------------

maximum cross section solid	2.5 mm ²
minimum cross section fine stranded	0.5 mm ²
maximum cross section fine stranded	2.5 mm ²
wire strip length	6 mm

technical data UL/CSA

cross section UL	20-14 AWG
voltage UL	300 V
current field wiring	1.5 A
current factory wiring	1.5 A
cross section CSA	20-14 AWG
voltage CSA	300 V
current CSA	1.5 A

other

type of insulation material	thermoplastic
color	black
height	10.7 mm
length	10 mm
depth	14.7 mm
material attachment screw	steel
material contact base	CuZn
material contact surface	Sn
tightening moment	0.5 Nm

classification

ECLASS 11	
ECLASS 8.1	27440402
ETIM 9.0	
ETIM 8.0	
ETIM 7.0	
ETIM 6.0	EC002638
ETIM 5.0	EC002638
ETIM 4.0	EC002638

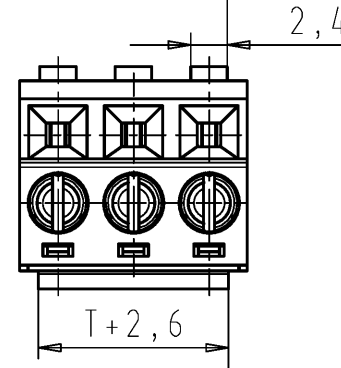
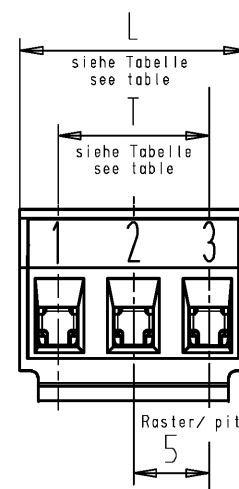
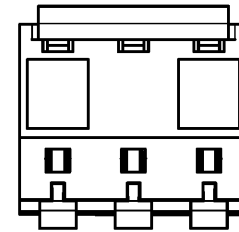
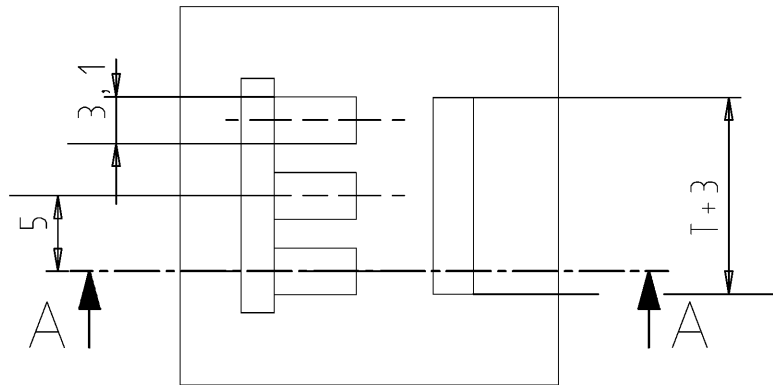
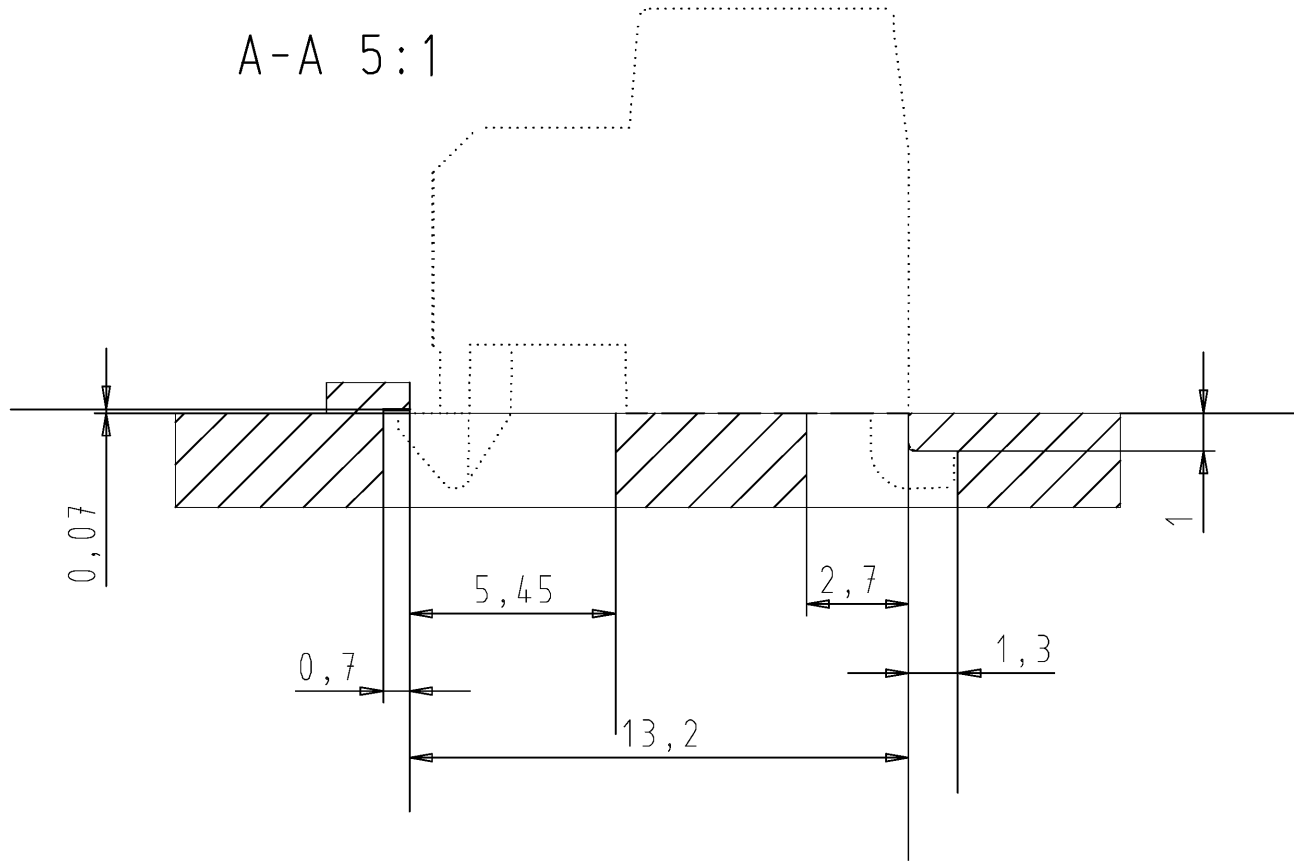
product compliance

ROHS conformity status	compliant
REACH-SVHC conformity status	compliant

Montageplatte
mounting panel

neben gezeigter Platte sind andere Befestigungen möglich
beside shown panel other mounting methods are possible

A-A 5:1

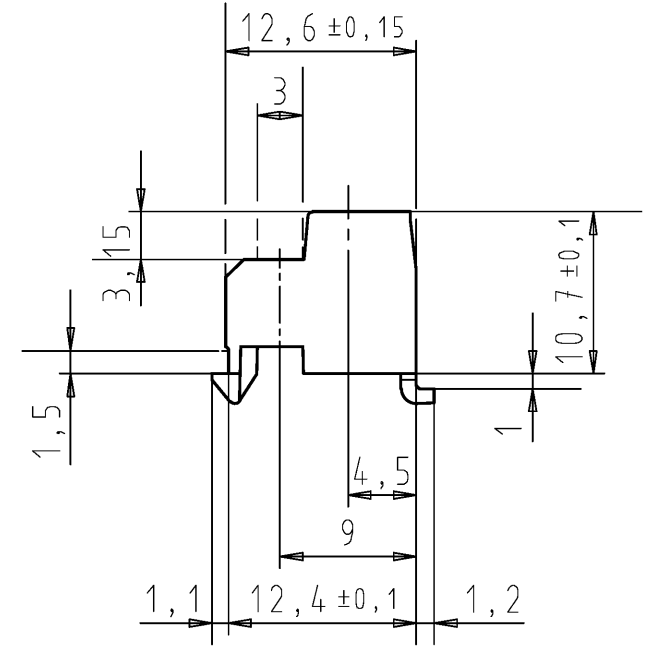


UL-Daten / UL-data:

300V

3,0A in Verbindung mit Stiftheiste Steck- Ø 1,3mm
1,8A in Verbindung mit Stiftheiste Steck- Ø 1,0mm

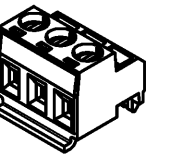
3,0A in conjunction with pin header plug- Ø 1,3mm
1,8A in conjunction with pin header plug- Ø 1,0mm



Teilenummer part number	Typ type	Polzahl number of poles	L +0,05 -0,2	T
25.613.0256.F	8142 Z / 2 RF	2	10.0	5.0
25.613.0356.F	8142 Z / 3 RF	3	15.0	10.0
25.613.0456.F	8142 Z / 4 RF	4	20.0	15.0
25.613.2256.F	8142 Z / 2 RF OB	2	10.0	5.0
25.613.2356.F	8142 Z / 3 RF OB	3	15.0	10.0
25.613.2456.F	8142 Z / 4 RF OB	4	20.0	15.0

gezeichnet/ drawn
25.613.0356.0

M 1:1



Tolerierung Size ISO 14405 © / Tolerance system Size ISO 14405 ©.
(This ISO-standard describes the envelope principle. According to the envelope principle the deviations of form and parallelism are limited by the size tolerances).

ja/yes ☒ Stoffverbots- und Deklarationsliste nach WN 5020.010 ist einzuhalten.
Conformity with Wieland document WN 5020.010 e (list of prohibited /
deklarable hazardous substances) to be declared!

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

	/	Werkstoff / Material	Tag/Date	Name	Zeichnung Nr. / Drawing No.	Index
	/		gezeichnet drawn	29.04.2014 Koch	T 25.613.0256.0 1K	b
	/	Maßstab / Scale	geprüft checked		Maße in mm / Dimensions are in mm	
	/	1:1	Normgepr. Stand. check			
	/	Vol. mm ³ Ofl./Srf. mm ²	Ersatz für / Replacement for:			
	/		Type	Benennung/Title		
b	30.06.2020 /	wieland	8142Z	LP_STECKKLEMM		
Index	Datum / Blatt Date / Sheet	www.wieland-electric.com		PLUG. PCB TERMINAL		
Änderung / Revision						