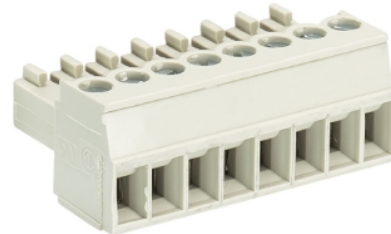


Data sheet

Commercial Art.No.: 25.640.0753.0

PCB connector 8513 B / 7

PCB female connector with screw connection with rising cage clamp system, 7 poles, printed version, max. cross section: 1.5 mm², pitch: 3.5 mm, type of packing: carton, color: grey



Certificates / Approvals



Technical data

General

Modular spacing	3.5 mm
Connection type	Screw connection
Soldering process	None
Packaging	Carton
Number of poles	7
Marking	Yes
Fastening	None
Mating direction towards connector	180°

Technical data

Nominal cross section	1.5 mm ²
Rated current	8 A
Overvoltage Category I	690 V
Overvoltage Category II	250 V
Overvoltage Category III	125
Rated impulse voltage	2.5 kV
Wire strip length	6.5 mm

Connection Data

Minimum cross section solid	0.14 mm ²
Maximum cross section solid	1.5 mm ²
Minimum cross section fine stranded	0.14 mm ²
Maximum cross section fine stranded	1.5 mm ²
Wire strip length	6.5 mm

Technical Data UL/CSA

Cross section UL	30-16 AWG
Voltage UL	300 V
Current field wiring	8 A
Current factory wiring	8 A

Cross section CSA	22-14 AWG
Voltage CSA	300 V
Current CSA	5 A

Other

Type of insulation material	Thermoplastic
Color	Grey
Height	11.1 mm
Length	24.5 mm
Depth	15.5 mm
Material attachment screw	Steel
Material contact base	CuSn
Material contact surface	Sn

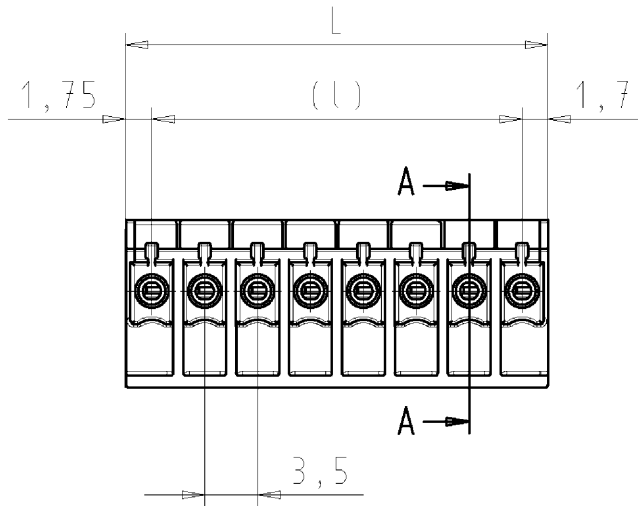
Classification

ECLASS 11	
ECLASS 8.1	27440402
ETIM 7.0	EC002637
ETIM 6.0	EC002637
ETIM 5.0	EC002637
ETIM 4.0	EC002637

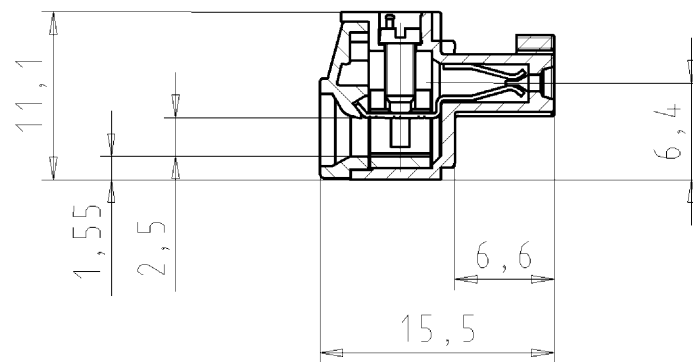
Product compliance

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

Ab 7-polige Ausführung ohne Bremsfläche
8-polige Ausführung gezeichnet
no ribs drawn on the outer surface of the first and last pole form 7 pole version
8pole version drawn

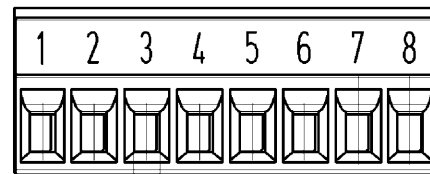
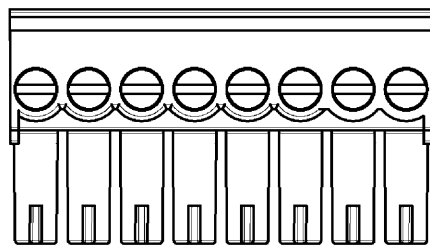


A-A



"X"

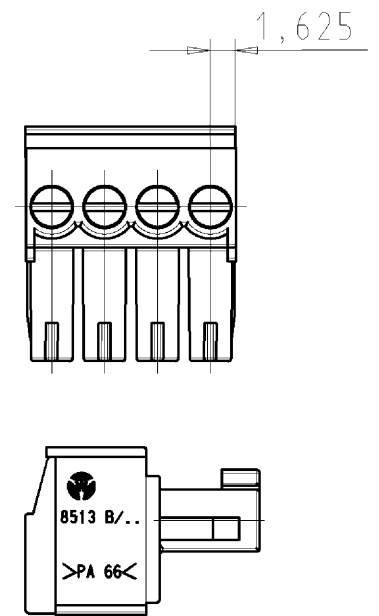
Ansicht "X"



Artikel-Nr. part-no.	Pol- zahl pole	(L)	l	Typ type
25.640.0253.F	2	7.0	3.5	8513 B/ 2 ..
25.640.0353.F	3	10.5	7.0	8513 B/ 3 ..
25.640.0453.F	4	14.0	10.5	8513 B/ 4 ..
25.640.0553.F	5	17.5	14.0	8513 B/ 5 ..
25.640.0653.F	6	21.0	17.5	8513 B/ 6 ..
25.640.0753.F	7	24.5	21.0	8513 B/ 7 ..
25.640.0853.F	8	28.0	24.5	8513 B/ 8 ..
25.640.0953.F	9	31.5	28.0	8513 B/ 9 ..
25.640.1053.F	10	35.0	31.5	8513 B/ 10 ..
25.640.1153.F	11	38.5	35.0	8513 B/ 11 ..
25.640.1253.F	12	42.0	38.5	8513 B/ 12 ..
25.640.1353.F	13	45.5	42.0	8513 B/ 13 ..
25.640.1453.F	14	49.0	45.5	8513 B/ 14 ..
25.640.1553.F	15	52.5	49.0	8513 B/ 15 ..
25.640.1653.F	16	56.0	52.5	8513 B/ 16 ..
25.640.1753.F	17	59.5	56.0	8513 B/ 17 ..
25.640.1853.F	18	63.0	59.5	8513 B/ 18 ..
25.640.1953.F	19	66.5	63.0	8513 B/ 19 ..
25.640.2053.F	20	70.0	66.5	8513 B/ 20 ..

.F	Farbe colour
.0	grau/grey
.1	schwarz/black
.7	grün/green

4-polige Ausführung gezeichnet
4 pole version drawn



Bei 2-6polige
(25.640.0253.F, 25.640.0353.F,
25.640.0453.F, 25.640.0553.F
25.640.0653.F)
mit Bremsflächen an den Außenflächen
am ersten und letzten Pol

2-6pole
(25.640.0253.F, 25.640.0353.F,
25.640.0453.F, 25.640.0553.F
25.640.0653.F)
version with ribs on teh outer
surface of the first and last pole

Weitere Daten siehe Katalog
further data see catalog

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 ☒ Stoffverbots- und Deklarationsliste nach UU-TQM-05/03 ist einzuhalten. Conformity with Wieland document UU-TQM-05/03 (list of prohibited / dearable 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: of 1	
		Werkstoff/Material		2011 Tag/Date		Name	
				gezeichnet drawn		10.11. Schmitt J.	
				geprüft checked			
				Normgepr. Stand. check			
		Vol. mm³ Ofl./Surf. mm²		Ersatz für/Replacement for: -			
		wieland		Type		Benennung/Title	
		Elektrische Verbindungen		Typ		LP_STECKKLEMME	
		Index Datum / Blatt Date / Sheet		8513 B/ 2-20		mit Steck-u. Schraubanschluss, Rastermaß/pitch:3,5mm pluggable PCB terminal, rising cage clamp system	
Änderung/Revision							

Weitergabe sowie Vervielfältigung dieses Dokuments, Verwertung und Mitteilung
seiner Inhalte sind verboten, soweit nicht ausdrücklich gestattet.
The reproduction, distribution and utilization of this document as well as the
communication of its contents to others without express authorization is prohibited.