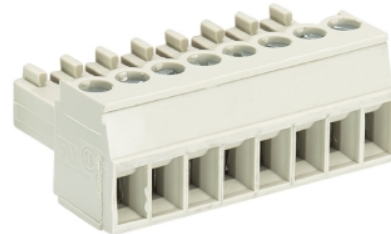


Data sheet

Commercial Art.No.: 25.640.4053.0

PCB connector 8513 B / 10 OB

PCB female connector with screw connection with rising cage clamp system, 10 poles, 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	10
Marking	No
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	35 mm
Depth	15.5 mm
Material attachment screw	Steel
Material contact base	CuSn
Material contact surface	Sn

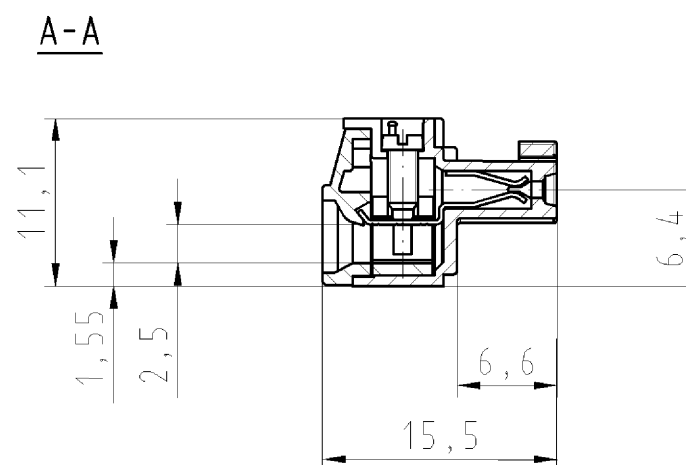
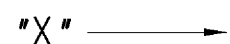
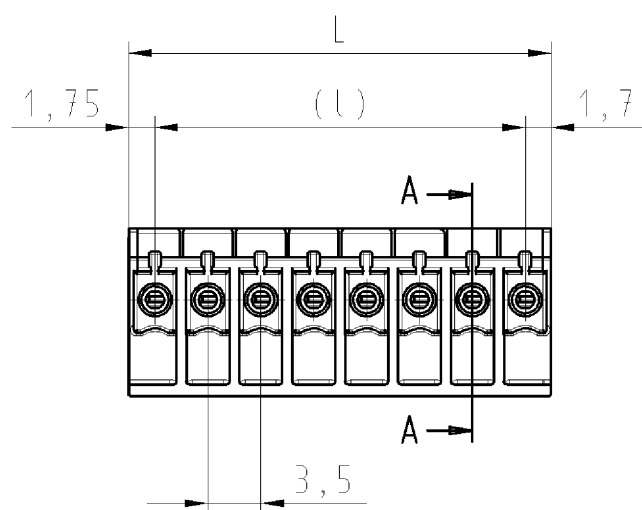
Classification

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

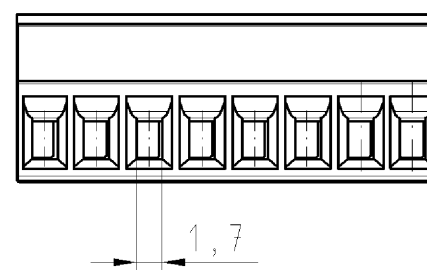
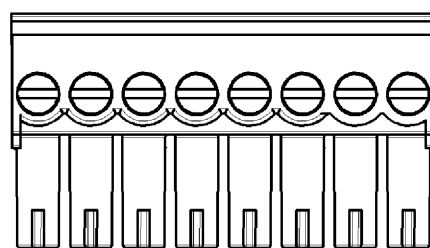
Product compliance

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

8pole version drawn



Ansicht "X"

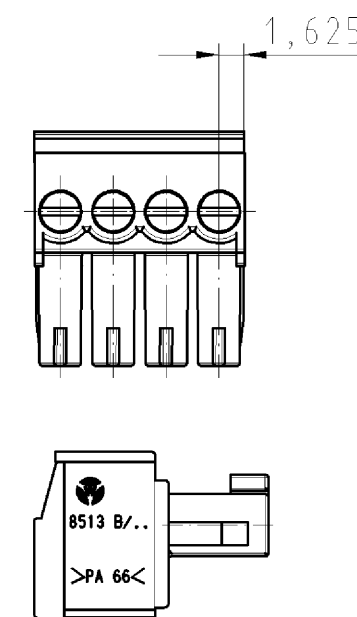


Artikel-Nr. part-no.	Pol- zahl pole	(L)	I	Typ type
25.640.3253.F	2	7.0	3.5	8513 B/ 2 OB..
25.640.3353.F	3	10.5	7.0	8513 B/ 3 OB..
25.640.3453.F	4	14.0	10.5	8513 B/ 4 OB..
25.640.3553.F	5	17.5	14.0	8513 B/ 5 OB..
25.640.3653.F	6	21.0	17.5	8513 B/ 6 OB..
25.640.3753.F	7	24.5	21.0	8513 B/ 7 OB..
25.640.3853.F	8	28.0	24.5	8513 B/ 8 OB..
25.640.3953.F	9	31.5	28.0	8513 B/ 9 OB..
25.640.4053.F	10	35.0	31.5	8513 B/ 10 OB..
25.640.4153.F	11	38.5	35.0	8513 B/ 11 OB..
25.640.4253.F	12	42.0	38.5	8513 B/ 12 OB..
25.640.4353.F	13	45.5	42.0	8513 B/ 13 OB..
25.640.4453.F	14	49.0	45.5	8513 B/ 14 OB..
25.640.4553.F	15	52.5	49.0	8513 B/ 15 OB..
25.640.4653.F	16	56.0	52.5	8513 B/ 16 OB..
25.640.4753.F	17	59.5	56.0	8513 B/ 17 OB..
25.640.4853.F	18	63.0	59.5	8513 B/ 18 OB..
25.640.4953.F	19	66.5	63.0	8513 B/ 19 OB..
25.640.5053.F	20	70.0	66.5	8513 B/ 20 OB..

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

Freitoleranz nach DIN			CAD - Zeichnung, keine manuellen Änderungen			1.Verwendung: -		Bl.: 1 von 1	
	/	Maßstab 2:1	Werkstoff und Oberfläche:	2004	Tag	Name	T	Zeichnung Nr. 25.640.3253.0 01K	Index b
	/			Entworfen	13.05.	Schmitt J.			
	/			Geprüft	-	-			
	/			Normgepr.	-	-			
b 03.03.2006/ a 15.04.2005/ Buchstabe Datum / Blatt			 wieland Elektrische Verbindungen		Typ 8513 B/ 2-20 OB	Benennung LP_STECKKLEMME mit Steck-u. Schraubanschluss, Rastermaß/pitch:3,5mm pluggable PCB terminal, rising cage clamp system			
Änderung									

4 pole version drawn



mit Bremsflächen an den Außenflächen
am ersten und letzten Pol

version with ribs on teh outer
surface of the first and last pole

Weitere Daten siehe Katalog
further data see catalog

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