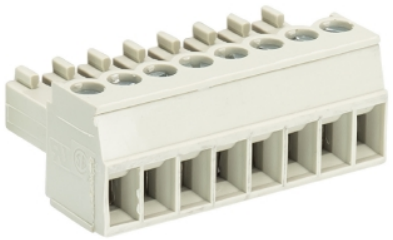
Data sheet

Commercial Art.No.: 25.640.4253.0

PCB connector 8513 B / 12 OB

PCB female connector with screw connection with rising cage clamp system, 12 poles, max. cross section: 1.5 mm², pitch: 3.5 mm, type of packing: carton, color: grey



Commercial Art.No.	25.640.4253.0
EAN	4015573508590
Order Unit	50

Certificates / Approvals

Technical data

General

Modular spacing	3.5 mm
Connection type	screw connection
Soldering process	None
Packaging	Carton
Number of poles	12
Marking	No
Fastening	None
Mating direction towards connector	180°

Technical data

Nominal cross section	1.5 mm²
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 mm²
Maximum cross section solid	1.5 mm²
Minimum cross section fine stranded	0.14 mm²
Maximum cross section fine stranded	1.5 mm²
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	42 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

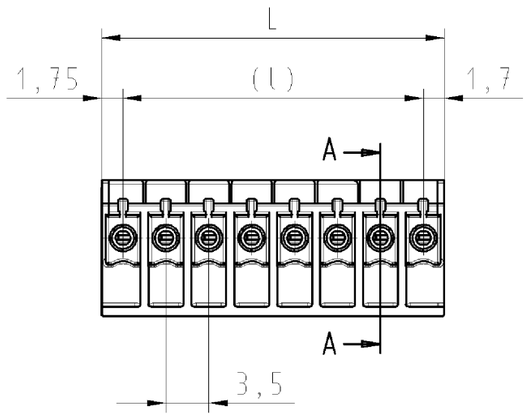
ROHS conformity status	Compliant/Exempted
ROHS exceptions	III-6(c)
REACH-SVHC conformity status	Duty-To-Declare
REACH-SVHC substances	Lead
REACH-SVHC CAS numbers	7439-92-1

Fits with

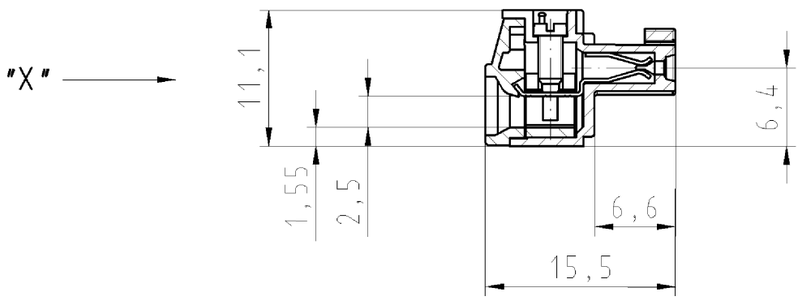
Commercial Art.No.:	Article-type description:	Description:
25.646.1253.0	PCB pin header 8513 S / 12 G OB	PCB pin header with pin header, connection method depends on used socket part , 12 poles, pitch: 3.5 mm, type of packing: carton, color: grey
25.648.4253.0	PCB pin header 8513 / 12 SU OB	PCB pin header with screw connection with rising cage clamp system, 12 poles, max. cross section: 1.5 mm², pitch: 3.5 mm, type of packing: carton, color: grey
25.647.1253.0	PCB pin header 8513 S / 12 W OB	PCB pin header with pin header, connection method depends on used socket part , 12 poles, pitch: 3.5 mm, type of packing: carton, color: grey
25.647.1206.0	PCB pin header 8513 S / 12 W OB THR	PCB pin header with pin header, connection method depends on used socket part , 12 poles, with solder pin (2.6mm, tin plated), pitch: 3.5 mm, type of packing: carton, color: black, This product can be soldered by reflow and wave soldering,

25.646.1208.0	PCB pin header 8513 S / 12 G OB THR	PCB pin header with pin header, connection method depends on used socket part , 12 poles, with solder pin (1.5mm, tin plated), pitch: 3.5 mm, type of packing: carton, color: black, This product can be soldered by reflow and wave soldering,
25.647.1208.0	PCB pin header 8513 S / 12 W OB THR	PCB pin header with pin header, connection method depends on used socket part , 12 poles, with solder pin (1.5mm, tin plated), pitch: 3.5 mm, type of packing: carton, color: black, This product can be soldered by reflow and wave soldering,
25.646.1206.0	PCB pin header 8513 S / 12 G OB THR	PCB pin header with pin header, connection method depends on used socket part , 12 poles, with solder pin (2.6mm, tin plated), pitch: 3.5 mm, type of packing: carton, color: black, This product can be soldered by reflow and wave soldering,

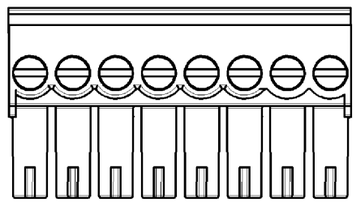
Ab 7-polige Ausführung ohne Bremsfläche
8-polige Ausführung gezeichnet ⓑ
no ribs drawn on the outer surface of the first and last pole form 7 pole version
8pole version drawn

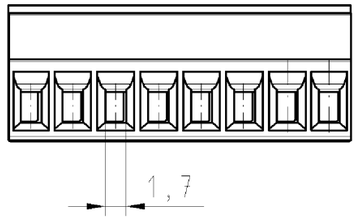


A-A



Ansicht "X"

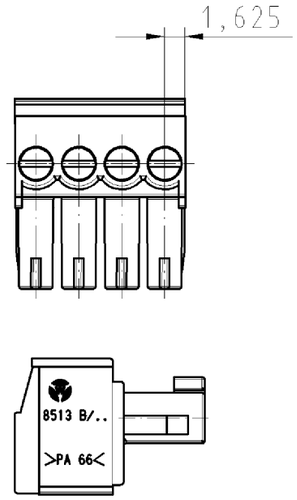




Artikel-Nr. part-no.	Pol-zahl pole	(L)	l	Typ type
25.640.3253.F	2	7.0	3.5	8513 B/ 2 OB..
25.640.3353.F	3	10.5	7.0	8513 B/ 3 OB..
25.640.3453.F	4	14.0	10.5	8513 B/ 4 OB..
25.640.3553.F	5	17.5	14.0	8513 B/ 5 OB..
25.640.3653.F	6	21.0	17.5	8513 B/ 6 OB..
25.640.3753.F	7	24.5	21.0	8513 B/ 7 OB..
25.640.3853.F	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

4-polige Ausführung gezeichnet
4 pole version drawn



ⓑ

Bei 2-6polige
(25.640.3253.F, 25.640.3353.F,
25.640.3453.F, 25.640.3553.F
25.640.3653.F)
mit Bremsflächen an den Außenflächen
am ersten und letzten Pol

2-6pole
(25.640.3253.F, 25.640.3353.F,
25.640.3453.F, 25.640.3553.F
25.640.3653.F)
version with ribs on teh outer
surface of the first and last pole

Weitere Daten siehe Katalog
further data see catalog

Diese Maße werden bei Abnahme besonders geprüft
Ausschließlich Prüfmaße
Mit /E gekennzeichnete Maße sind nur für interne Zwecke gültig

Freitoleranz nach DIN			CAD - Zeichnung, keine manuellen Änderungen			1.Verwendung: -	Bl.: 1 von 1
	/	Maßstab	Werkstoff und Oberfläche:		2004	Tag	Name
	/	2:1			Entworfen	13.05.	Schmitt J.
	/				Geprüft	-	-
	/				Normgepr.	-	-
b	03.03.2006/						
a	15.04.2005/						
Buchstabe	Datum / Blatt						
Änderung							

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

T | Zeichnung Nr. 25.640.3253.0 01K | Index b

Ersatz für: -

2564032530001K_4 CADW1019 Kreltz 2006-03-03T14:26:05 1.000