

Data sheet

Commercial Art.No.: 25.630.1453.0

PCB connector 8513 BFK / 14 TOP

PCB female connector with tension spring connection, 14 poles, printed version, max. cross section: 1.5 mm², pitch: 3.5 mm, type of packing: carton, color: grey



Commercial Art.No.	25.630.1453.0
EAN	4015573552265
Order Unit	50

Certificates / Approvals



Technical data

General

Modular spacing	3.5 mm
Connection type	spring clamp connection
Soldering process	None
Packaging	Carton
Number of poles	14
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	8 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	8 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

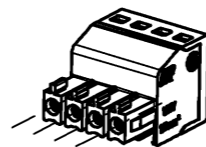
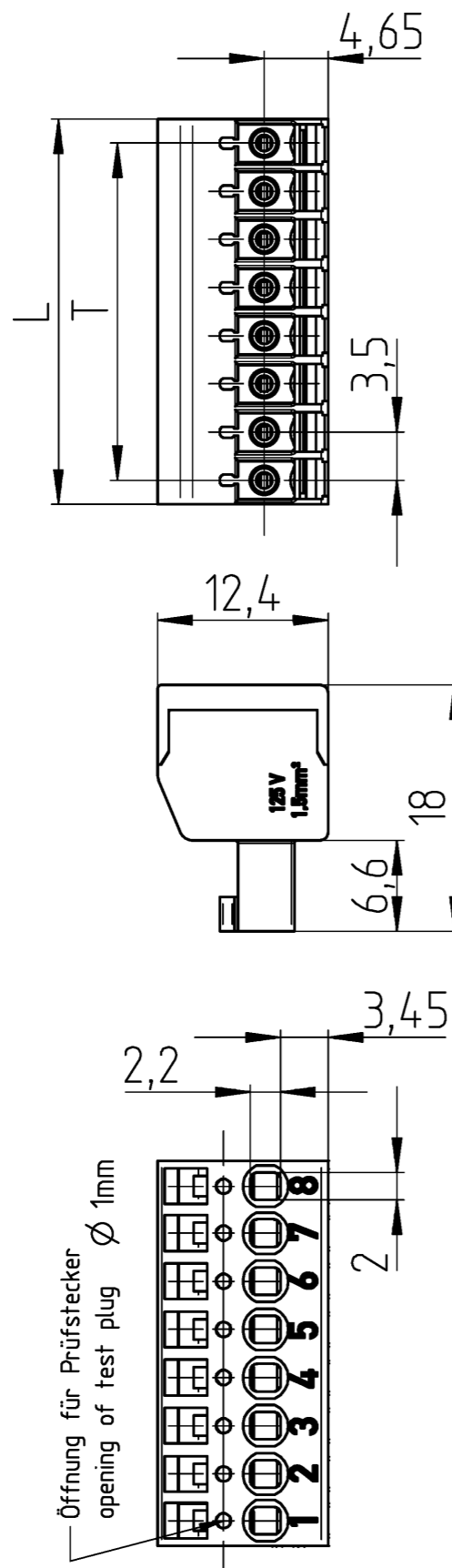
Other

Type of insulation material	Thermoplastic
Color	Grey
Height	12.4 mm
Length	49 mm
Depth	17.9 mm
Material attachment screw	None
Material contact base	Steel
Material contact surface	Sn

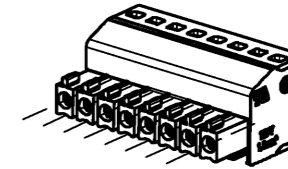
Classification

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

gezeichnet/drawn: 25.630.0253.F



2 - 6 pole



7 - 20 pole

.F	Farbe colour	Bedruckung/ print Farbe/ colour	mit Polbedruckung with pole marking		ohne Polbedruckung without pole marking		Polzahl poles	L	T
			Teilenummer part number	Typ type	Teilenummer part number	Typ type			
.0	grau/grey	schwarz black	25.630.0253.F	8513 BFK/ 2	25.630.3253.F	8513 BFK/ 2 OB	2	7	3,5
.7	grün/green		25.630.0353.F	8513 BFK/ 3	25.630.3353.F	8513 BFK/ 3 OB	3	10,5	7
			25.630.0453.F	8513 BFK/ 4	25.630.3453.F	8513 BFK/ 4 OB	4	14	10,5
			25.630.0553.F	8513 BFK/ 5	25.630.3553.F	8513 BFK/ 5 OB	5	17,5	14
			25.630.0653.F	8513 BFK/ 6	25.630.3653.F	8513 BFK/ 6 OB	6	21	17,5
			25.630.0753.F	8513 BFK/ 7	25.630.3753.F	8513 BFK/ 7 OB	7	24,5	21
			25.630.0853.F	8513 BFK/ 8	25.630.3853.F	8513 BFK/ 8 OB	8	28	24,5
			25.630.0953.F	8513 BFK/ 9	25.630.3953.F	8513 BFK/ 9 OB	9	31,5	28
			25.630.1053.F	8513 BFK/ 10	25.630.4053.F	8513 BFK/ 10 OB	10	35	31,5
			25.630.1153.F	8513 BFK/ 11	25.630.4153.F	8513 BFK/ 11 OB	11	38,5	35
			25.630.1253.F	8513 BFK/ 12	25.630.4253.F	8513 BFK/ 12 OB	12	42	38,5
			25.630.1353.F	8513 BFK/ 13	25.630.4353.F	8513 BFK/ 13 OB	13	45,5	42
			25.630.1453.F	8513 BFK/ 14	25.630.4453.F	8513 BFK/ 14 OB	14	49	45,5
			25.630.1553.F	8513 BFK/ 15	25.630.4553.F	8513 BFK/ 15 OB	15	52,5	49
			25.630.1653.F	8513 BFK/ 16	25.630.4653.F	8513 BFK/ 16 OB	16	56	52,5
			25.630.1753.F	8513 BFK/ 17	25.630.4753.F	8513 BFK/ 17 OB	17	59,5	56
			25.630.1853.F	8513 BFK/ 18	25.630.4853.F	8513 BFK/ 18 OB	18	63	59,5
			25.630.1953.F	8513 BFK/ 19	25.630.4953.F	8513 BFK/ 19 OB	19	66,5	63
			25.630.2053.F	8513 BFK/ 20	25.630.5053.F	8513 BFK/ 20 OB	20	70	66,5

Am Isoliergehäuse sind die Bremsflächen an den Außenflächen am ersten und letzten Pol.
With ribs on the outer surface of the first and last pole

Keine Bremsflächen an den Außenflächen des Isoliergehäuses.
No ribs on the outer surface of the first and last pole.

Weitere Daten siehe KATALOG oder eKatalog
additional data see CATALOG or eCATALOG

www.wieland-electric.com
eshop.wieland-electric.com

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 / declarable 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
Maßstab / Scale		gezeichnet/drawn	Schmitt J.	25.630.0253.0 13K		
2:1		geprüft/checked		Maße in mm / Dimensions are in mm		
Vol. mm ³ Dfl./Srf. mm ²		Normgepr. Stand. check		Ersatz für / Replacement for:		
www.wieland-electric.com		Type	Benennung/Title	LP_STECKKLEMME		
Index Datum / Blatt Date / Sheet		8513 BFK/		PCB PLUG Terminal		
Änderung / Revision		2-20		Raster/ pitch 3,5 spring clamp system		

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B These dimensions will be especially checked at delivery Only inspection dimensions With /E marked dimensions are only valid for internal use

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

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