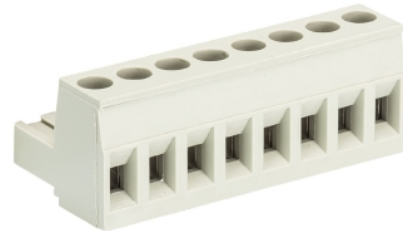


## Data sheet

Commercial Art.No.: 25.320.3653.0

PCB connector 8113 B / 6 OB

PCB female connector with screw connection with rising cage clamp system, 6 poles, max. cross section: 2.5 mm<sup>2</sup>, pitch: 5 mm, type of packing: carton, color: grey



Commercial Art.No.	25.320.3653.0
EAN	4015573504189
Order Unit	50

Certificates / Approvals



## Technical data

### General

Modular spacing	5 mm
Connection type	screw connection
Soldering process	None
Packaging	Carton
Number of poles	6
Marking	No
Fastening	None
Mating direction towards connector	180°

### Technical data

Nominal cross section	2.5 mm <sup>2</sup>
Rated current	12 A
Overvoltage Category I	1000 V
Overvoltage Category II	400 V
Overvoltage Category III	250 V
Rated impulse voltage	4 kV
Wire strip length	6 mm

### Connection Data

Minimum cross section solid	0.14 mm <sup>2</sup>
Maximum cross section solid	2.5 mm <sup>2</sup>
Minimum cross section fine stranded	0.14 mm <sup>2</sup>
Maximum cross section fine stranded	2.5 mm <sup>2</sup>
Wire strip length	6 mm

### Technical Data UL/CSA

Cross section UL	22-12 AWG
------------------	-----------

Voltage UL	300 V
Current field wiring	15 A
Current factory wiring	15 A
Cross section CSA	22-12 AWG
Voltage CSA	300 V
Current CSA	15 A

#### Other

Type of insulation material	Thermoplastic
Color	Grey
Height	15 mm
Length	30 mm
Depth	18.2 mm
Material attachment screw	CuSn/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

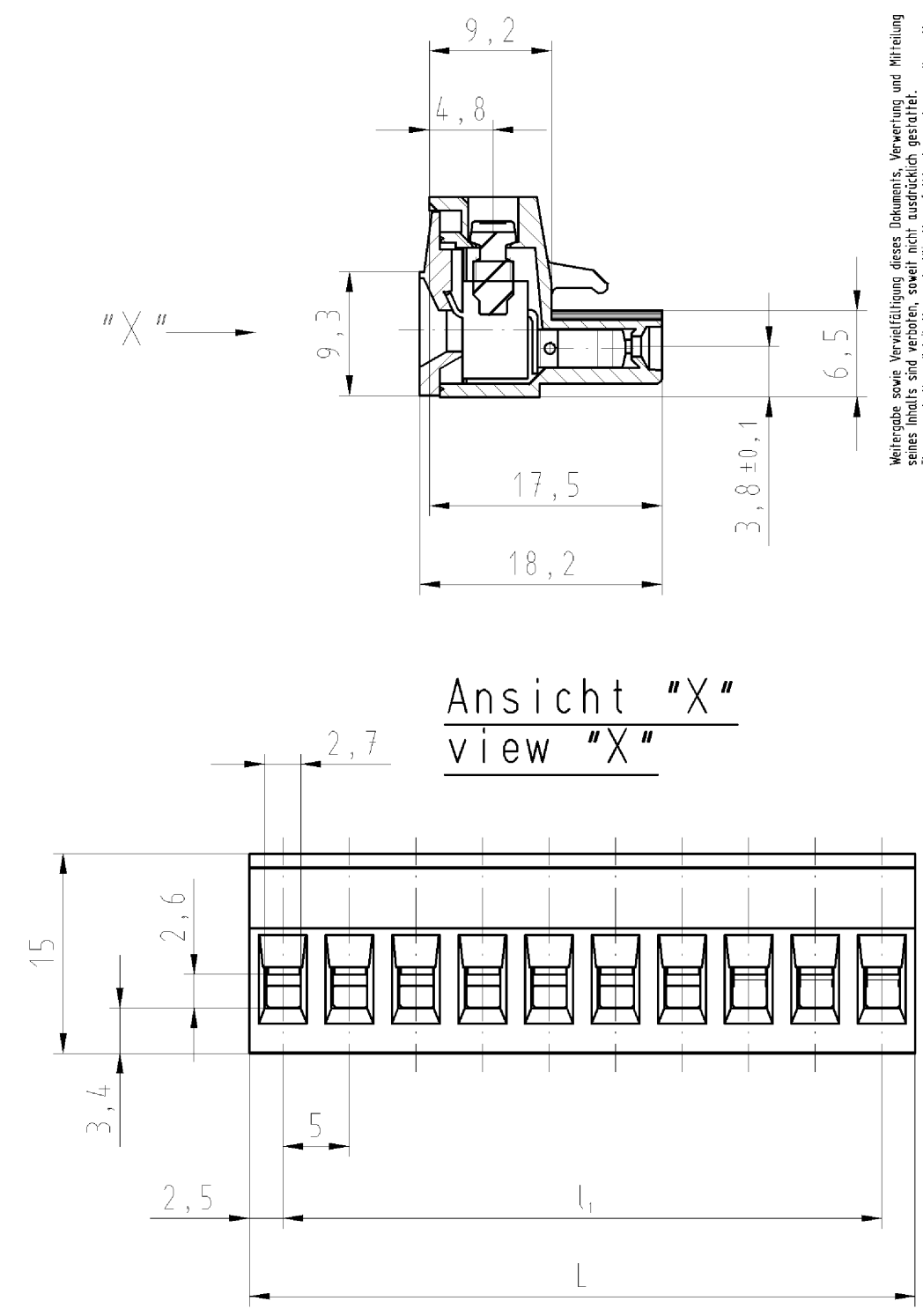
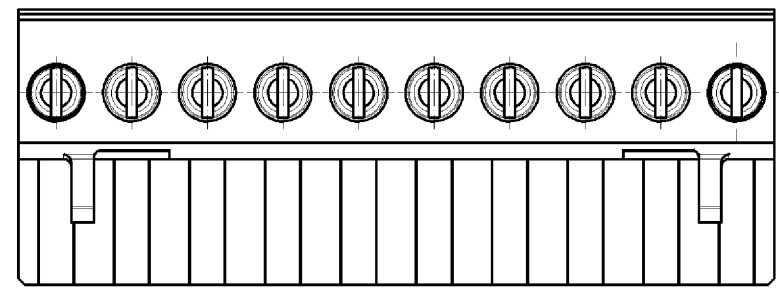
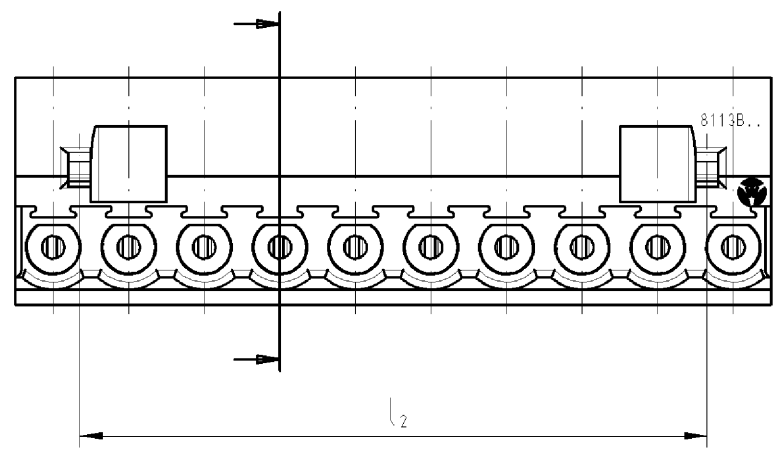
ROHS conformity status	Compliant/Exempted
ROHS exceptions	III-6(c)
REACH-SVHC conformity status	Duty-To-Declare
REACH-SVHC substances	Lead
REACH-SVHC CAS numbers	7439-92-1

#### Fits with

Commercial Art.No.:	Article-type description:	Description:
25.332.3653.0	PCB pin header 8113 S / 6 W OB	PCB pin header, connection method depends on used socket part , 6 poles, pitch: 5 mm, type of packing: carton, color: grey
99.206.9996.0	PCB pin header 8113 S / 6 G OB OF	PCB pin header, connection method depends on used socket part , 6 poles, pitch: 5 mm, type of packing: carton, color: grey
25.330.3653.0	PCB pin header 8113 S / 6 G OB	PCB pin header, connection method depends on used socket part , 6 poles, pitch: 5 mm, type of packing: carton, color: grey
25.394.3653.0	PCB pin header 8113 S / 6 S OB	PCB pin header, connection method depends on used socket part , 6 poles, pitch: 5 mm, type of packing: carton, color: grey
99.266.9996.0	PCB pin header 8113 S / 6 W OB OF	PCB pin header, connection method depends on used socket part , 6 poles, pitch: 5 mm, type of packing: carton, color: grey
27.336.0653.0	PCB pin header 8113 SEG / 6 / 12 W OB	PCB pin header, 6 poles, pitch: 5 mm, type of packing: carton, color: grey

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

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



Ansicht "X"  
 view "X"

gezeichnete Ausführung  
 10-polig  
 drawn version  
 10poles

Weitere Daten siehe Katalog  
 further data see catalog

Artikel-Nr. part-no.	Pol-Z. pole	L	l <sub>1</sub>	l <sub>2</sub>	Typ type
25.320.3253.F	2	10	5	-	8113 B / 2 OB
25.320.3353.F	3	15	10	6,5	8113 B / 3 OB
25.320.3453.F	4	20	15	11,5	8113 B / 4 OB
25.320.3553.F	5	25	20	16,5	8113 B / 5 OB
25.320.3653.F	6	30	25	21,5	8113 B / 6 OB
25.320.3753.F	7	35	30	26,5	8113 B / 7 OB
25.320.3853.F	8	40	35	31,5	8113 B / 8 OB
25.320.3953.F	9	45	40	36,5	8113 B / 9 OB
25.320.4053.F	10	50	45	41,5	8113 B / 10 OB
25.320.4153.F	11	55	50	46,5	8113 B / 11 OB
25.320.4253.F	12	60	55	51,5	8113 B / 12 OB
25.320.4353.F	13	65	60	56,5	8113 B / 13 OB
25.320.4453.F	14	70	65	61,5	8113 B / 14 OB
25.320.4553.F	15	75	70	66,5	8113 B / 15 OB
25.320.4653.F	16	80	75	71,5	8113 B / 16 OB
25.320.4753.F	17	85	80	76,5	8113 B / 17 OB
25.320.4853.F	18	90	85	81,5	8113 B / 18 OB
25.320.4953.F	19	95	90	86,5	8113 B / 19 OB
25.320.5053.F	20	100	95	91,5	8113 B / 20 OB
25.320.5153.F	21	105	100	96,5	8113 B / 21 OB
25.320.5253.F	22	110	105	101,5	8113 B / 22 OB
25.320.5353.F	23	115	110	106,5	8113 B / 23 OB
25.320.5453.F	24	120	115	111,5	8113 B / 24 OB

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

Zulässige Abweichungen nach DIN 7167/Permissible deviations 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 <input checked="" type="checkbox"/> Stoffverbots- und Deklarationsliste nach UU-TQM-05/03 ist einzuhalten. Conformity with Wieland document UU-TQM-05/03 (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: -
Werkstoff/Material		2005 gezeichnet drawn 27.07.	Name Schmitt J.
Maßstab/Scale 2:1		geprüft checked -	T 25.320.3253.0 01K
Vol. mm <sup>3</sup> Öl./Surf. mm <sup>2</sup>		Nicht gepr. Stand. check -	
Ersatz für/Replacement for: -		Maße in mm/Dimensions are in mm	
wieland Elektrische Verbindungen		LP_STECKKLEMME indirekt steckbar, Schraubausführung Rastmass 5 Pluggable PCB terminal rising cage clamp, pitch 5	
Index Date / Sheet	Datum / Blatt Date / Sheet	Blatt: 1 von 1 Sheet: 1 of 1	
Änderung/Revision		Zeichnung Nr./Drawing No.	

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253203253001K\_4\_CAD/026 Schmitt 2005-07-27T10:22:49 1.000 QU-PEM-08/91