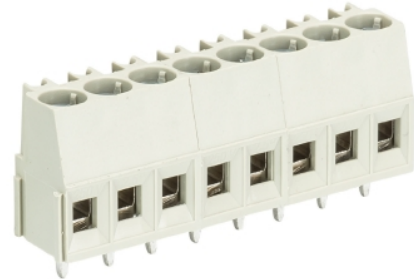


Data sheet

Commercial Art.No.: 25.161.0653.0

Printed circuit board terminal 8191 / 6 OB

PCB terminal with screw connection with rising cage clamp system, 6 poles, with solder pin (3.5mm), max. cross section: 2.5 mm², pitch: 5 mm, type of packing: carton, color: grey



Commercial Art.No.	25.161.0653.0
EAN	4015573175600
Order Unit	50

Certificates / Approvals



Technical data

General

Modular spacing	5 mm
Connection type	Screw connection
Soldering process	Wave soldering
Packaging	Carton
Number of poles	6
Conductor to circuit board	180°
Number of levels	1
Integrated test socket	Yes
Insulation plate	No
Retaining pins	No
Marking	No

Technical data

Nominal cross section	2.5 mm ²
Rated current	16 A
Overvoltage Category I	1000 V
Overvoltage Category II	690 V
Overvoltage Category III	250 V
Rated impulse voltage	4 kV
Wire strip length	6.5 mm

Connection Data

Minimum cross section solid	0.14 mm ²
Maximum cross section solid	4 mm ²
Minimum cross section fine stranded	0.14 mm ²
Maximum cross section fine stranded	2.5 mm ²
Wire strip length	6.5 mm

Technical Data UL/CSA

Cross section UL	22-12 AWG
Voltage UL	300 V
Current field wiring	20 A
Current factory wiring	30 A
Cross section CSA	22-12 AWG
Voltage CSA	300 V
Current CSA	25 A

Other

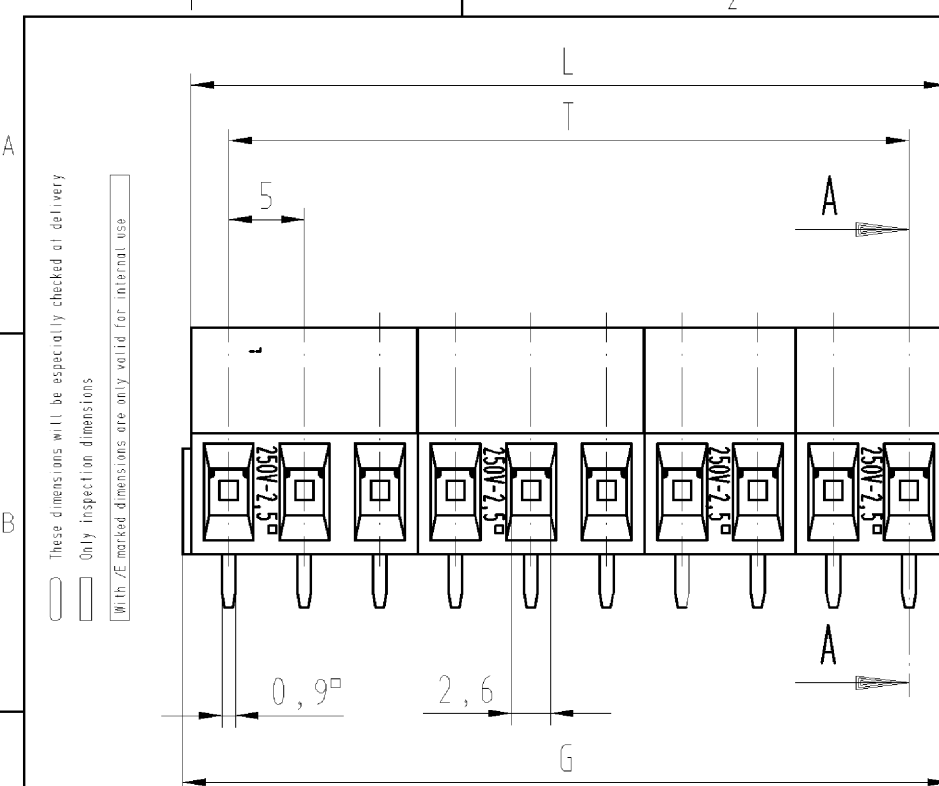
Type of insulation material	Thermoplastic
Color	Grey
Height	9.5 mm
Length	30.85 mm
Depth	16 mm
Material attachment screw	Steel
Material contact base	E-Cu
Material contact surface	Sn

Classification

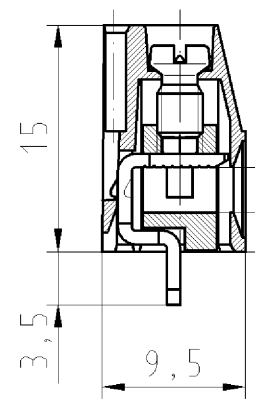
ECLASS 11	
ECLASS 8.1	27440401
ETIM 7.0	EC002643
ETIM 6.0	EC002643
ETIM 5.0	EC002643
ETIM 4.0	EC002643

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



Schnitt A-A
section A-A



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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

Gezeichnete Ausführung
10-polig
drawn version
10 poles

Weitere Daten siehe Katalog
further data see catalog

.F	Farbe colour
.0	grau /grey
.1	schwarz/black
.5	rot/red
.7	grün/green
.9	orange

25.161.2453.F	8191/24 OB	24	115	120	120,85
25.161.2353.F	8191/23 OB	23	110	115	115,85
25.161.2253.F	8191/22 OB	22	105	110	110,85
25.161.2153.F	8191/21 OB	21	100	105	105,85
25.161.2053.F	8191/20 OB	20	95	100	100,85
25.161.1953.F	8191/19 OB	19	90	95	95,85
25.161.1853.F	8191/18 OB	18	85	90	90,85
25.161.1753.F	8191/17 OB	17	80	85	85,85
25.161.1653.F	8191/16 OB	16	75	80	80,85
25.161.1553.F	8191/15 OB	15	70	75	75,85
25.161.1453.F	8191/14 OB	14	65	70	70,85
25.161.1353.F	8191/13 OB	13	60	65	65,85
25.161.1253.F	8191/12 OB	12	55	60	60,85
25.161.1153.F	8191/11 OB	11	50	55	55,85
25.161.1053.F	8191/10 OB	10	45	50	50,85
25.161.0953.F	8191/ 9 OB	9	40	45	45,85
25.161.0853.F	8191/ 8 OB	8	35	40	40,85
25.161.0753.F	8191/ 7 OB	7	30	35	35,85
25.161.0653.F	8191/ 6 OB	6	25	30	30,85
25.161.0553.F	8191/ 5 OB	5	20	25	25,85
25.161.0453.F	8191/ 4 OB	4	15	20	20,85
25.161.0353.F	8191/ 3 OB	3	10	15	15,85
25.161.0253.F	8191/ 2 OB	2	5	10	10,85
Teile-Nr. part-no	Typ type	Polzahl pole	T	L	G

Tolerierung nach DIN 7167/Tolerance system acc. to DIN 7167. ja/yes Stoffverbots- und Deklarationsliste nach UU-TQM-05/03 ist einzuhalten. (This DIN-standard describes the envelope principle. According to the envelope principle the deviations of form and parallelism are limited by the size tolerances). 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: Blatt: 1 von 1 Sheet: 1 of 1

Werkstoff/Material	2005	Tag/Date	Name	Zeichnung Nr./Drawing No.	Index
	gezeichnet drawn	17.10.	Schmitt J.		
	geprüft checked	-	-		
	Normgepr. Stand. check	-	-		
Maßstab/Scale	Maße in mm/Dimensions are in mm				
2:1					
Vol.	mm ³	Offl./Surf.	mm ²	Ersatz für/Replacement for: -	

		Type	Benennung/Tittle
wieland Elektrische Verbindungen		Typ	LP_GEHAEUSESTIFTLISTE
Index	Datum / Blatt Date / Sheet	8191/..	Rastermaß 5 / pitch 5 PCB header
Änderung/Revision		OB	

251610253001K_2 CADW10096 Bdr10005910-17117493463-142000000