Data sheet

Commercial Art.No.: Z5.530.1225.0

PCB pin header 8142… /12 D1.3/1.0

PCB pin header, 12 poles, pitch: 5 mm, type of packing: carton, color: grey

Commercial Art.No.	Z5.530.1225.0
EAN	4015573142312
Order Unit	50

Certificates / Approvals

Technical data

General

Modular spacing	5 mm
Soldering process	Wave soldering
Packaging	Carton
Number of poles	12
Number of levels	1
Marking	No
Fastening	None
Mating direction towards (circuit) board	90°

Technical data

Rated current	8 A
Overvoltage Category I	1000 V
Overvoltage Category II	250 V
Overvoltage Category III	200
Rated impulse voltage	4 kV

Technical Data UL/CSA

Voltage UL	300 V
Current field wiring	15 A
Current factory wiring	15 A
Voltage CSA	300 V
Current CSA	15 A

Other

Type of insulation material	Thermoplastic
Color	Grey

Height	12 mm
Length	60 mm
Depth	2.8 mm
Material contact base	CuZn
Material contact surface	Sn

Classification

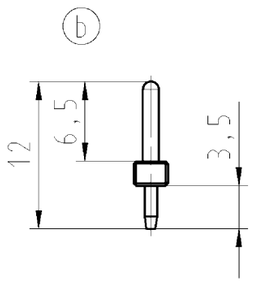
ECLASS 11	
ECLASS 8.1	27440402
ETIM 7.0	EC002637
ETIM 6.0	EC002637
ETIM 5.0	EC002637
ETIM 4.0	EC002637

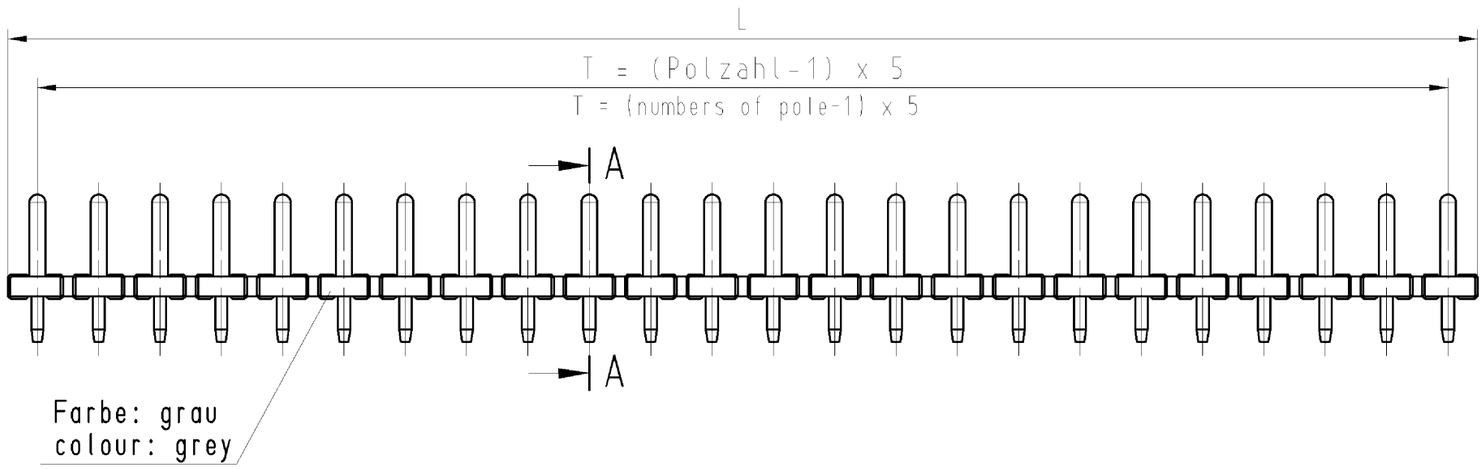
Product compliance

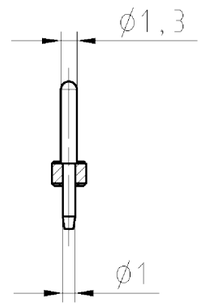
ROHS conformity status	Compliant/Exempted
ROHS exceptions	III-6(c)
REACH-SVHC conformity status	Duty-To-Declare
REACH-SVHC substances	Lead
REACH-SVHC CAS numbers	7439-92-1

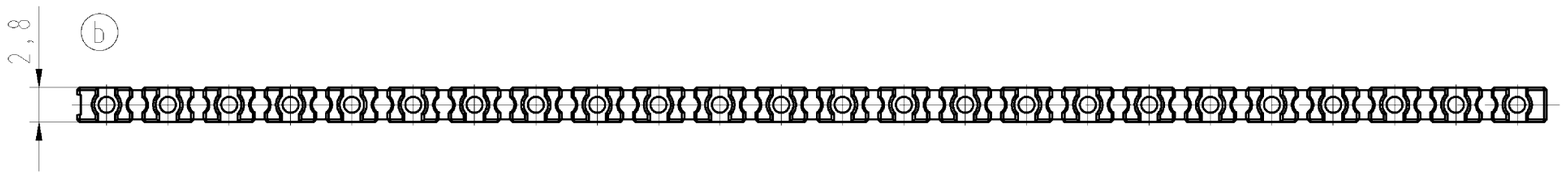
Fits with

Commercial Art.No.:	Article-type description:	Description:
25.600.3253.0	Pluggable PCB Terminal 8142 / 12	Plugable-PCB terminal with screw connection with wire protection, 12 poles, printed version, max. cross section: 2.5 mm², pitch: 5 mm, type of packing: carton, color: grey
27.602.1253.0	Pluggable PCB Terminal 8142 Z / 12 OB	Plugable-PCB terminal, 12 poles, with insulating plate, pitch: 5 mm, type of packing: carton, color: grey
25.617.1255.0	Pluggable PCB Terminal 8142 ZP/12	Plugable-PCB terminal with screw connection with rising cage clamp system, 12 poles, printed version, with insulating plate, max. cross section: 2.5 mm², pitch: 5 mm, type of packing: carton, color: grey
25.617.1255.1	Pluggable PCB Terminal 8142 ZP/12	Plugable-PCB terminal with screw connection with rising cage clamp system, 12 poles, printed version, with insulating plate, max. cross section: 2.5 mm², pitch: 5 mm, type of packing: carton, color: black
25.617.1255.7	Pluggable PCB Terminal 8142 ZP/12	Plugable-PCB terminal with screw connection with rising cage clamp system, 12 poles, printed version, with insulating plate, max. cross section: 2.5 mm², pitch: 5 mm, type of packing: carton, color: green
25.617.4255.0	Pluggable PCB Terminal 8142 ZP/12 OB	Plugable-PCB terminal with screw connection with rising cage clamp system, 12 poles, with insulating plate, max. cross section: 2.5 mm², pitch:5 mm, type of packing: carton, color: grey
25.617.4255.1	Pluggable PCB Terminal 8142 ZP/12 OB	Plugable-PCB terminal with screw connection with rising cage clamp system, 12 poles, with insulating plate, max. cross section: 2.5 mm², pitch:5 mm, type of packing: carton, color: black
25.617.4255.7	Pluggable PCB Terminal 8142 ZP/12 OB	Plugable-PCB terminal with screw connection with rising cage clamp system, 12 poles, with insulating plate, max. cross section: 2.5 mm², pitch:5 mm, type of packing: carton, color: green
25.602.3253.0	Pluggable PCB Terminal 8142 / 12 OB	Plugable-PCB terminal with screw connection with wire protection, 12 poles, max. cross section: 2.5 mm², pitch: 5 mm, type of packing: carton, color: grey









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

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

.X	Oberfläche Kontaktstifte surface contact pin
.0	Zinn / tin
.8	Silber / silver

Teile - Nr. part - no.	Polzahl pole	T	L (a)
Z5.530.2425.X	24	23x5=115	119,8 -0,9
Z5.530.2325.X	23	22x5=110	114,8 -0,9
Z5.530.2225.X	22	21x5=105	109,8 -0,9
Z5.530.2125.X	21	20x5=100	104,8 -0,9
Z5.530.2025.X	20	19x5= 95	99,8 -0,9
Z5.530.1925.X	19	18x5= 90	94,8 -0,9
Z5.530.1825.X	18	17x5= 85	89,8 -0,9
Z5.530.1725.X	17	16x5= 80	84,8 -0,9
Z5.530.1625.X	16	15x5= 75	79,8 -0,9
Z5.530.1525.X	15	14x5= 70	74,8 -0,9
Z5.530.1425.X	14	13x5= 65	69,8 -0,9
Z5.530.1325.X	13	12x5= 60	64,8 -0,9
Z5.530.1225.X	12	11x5= 55	59,8 -0,9
Z5.530.1125.X	11	10x5= 50	54,8 -0,9
Z5.530.1025.X	10	9x5= 45	49,8 -0,9
Z5.530.0925.X	9	8x5= 40	44,8 -0,9
Z5.530.0825.X	8	7x5= 35	39,8 -0,9
Z5.530.0725.X	7	6x5= 30	34,8 -0,9
Z5.530.0625.X	6	5x5= 25	29,8 -0,9
Z5.530.0525.X	5	4x5= 20	24,8 -0,9
Z5.530.0425.X	4	3x5= 15	19,8 -0,9
Z5.530.0325.X	3	2x5= 10	14,8 -0,9
Z5.530.0225.X	2	1x5= 5	9,8 -0,9

Gezeichnete Ausführung/drawn version: Z5.530.2425.0

Weitere Daten siehe Katalog
further data see catalog

Tolerierung Size ISO 14405Ⓔ/Tolerance system Size ISO 14405Ⓔ.
(This ISO-standard desbribes 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 UU-TGM-05/03 ist einzuhalten.
Conformity with Wieland document UU-TGM-05/03 (list of prohibited / declarable hazardous substances) to be declared!

Freitoleranz nach DIN ISO 2768 - m
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	2008	Tag/Date	Name	Zeichnung Nr./Drawing No. / Index
	/			gezeichnet drawn	18.06.	Duetsch T.	T Z5.530.0225.0 01K b
	/	Maßstab/Scale 2:1		geprüft checked	-	-	
	/			Normgepr. Stand. check	-	-	Maße in mm/Dimensions are in mm
	/	Vol. mm³	Ofl./Surf. mm²	Ersatz für/Replacement for: -			
b	16.10.2012/	wieland Elektrische Verbindungen		Type	Benennung/Title	PCB PIN STRIP HEADER LP_STIFTLEISTE für/for 8142 2 - 24 polig/poles	
a	07.03.2011/						
Index	Datum / Blatt Date / Sheet						
Änderung/Revision							

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