



Characteristics

General Characteristics	Standard	Value
number of contacts		2
termination technique		crimp
wire gauge		10 mm ² - 35 mm ² AWG 8 - AWG 2
max. insulation diameter		13 mm
flammability	UL 94	V-0
Electrical Characteristics	Standard	Value
rated voltage	IEC 60664-1	1000 V (UL/CSA: 600 V)
pollution degree	IEC 60664-1	3
installation (overvoltage) category	IEC 60664-1	3
material group	IEC 60664-1	1
rated impulse withstand voltage	IEC 60664-1	8 kV
rated current $T_{amb} = 40\text{ °C}$		100 A
current carrying capacity	IEC 60512-5-2	see derating curve
contact resistance	IEC 60512-2-1	≤ 5 mΩ
insulation resistance	IEC 60512-3-1	≥ 10 ¹⁰ Ω
Climatical Characteristics	Standard	Value
climatic category	IEC 60068-1	40 / 125 / 10
upper temperature	IEC 60512-11-9	+125 °C
lower temperature	IEC 60512-11-10	-40 °C
Mechanical Characteristics	Standard	Value
mechanical operation	IEC 60512-9-1	≥500 mating cycles
Materials	Standard	Value
insert		PA-GF
contacts		CuZn (brass)
contact plating		Ag (silver)
color		black

Gewicht (errechnet) / Calc WT: 21,4 g		Zul. Abw./Tolerances:		Maßstab / Scale: 1:1		A3			
Prüfmaß / Testdimension Teileindex / Partindexnumber: Bagatelle change:		ISO 2768-m				CUSTOMER DRAWING Buchsenmodul 2-Pol socket module 2 pole			
		Gez. Drawn: 12.10.2015 PWOELFFLE		Status: Released					
		Gepr. Checked: 08.09.2017 MGRIMM							
03 201700257 30.08.2017 PWÖLF 02 201600736 27.10.2016 PWÖLF 01 201500704 12.10.2015 PWÖLF		Amphenol Tuchel Industrial GmbH		M C146 10B002 600 15		Blatt / Sheet 1 1 Bl.		Ers. f. / Replacement for: M-C146 10B002 600 15 Rev.02	
Index		Änderung / Description		Datum / Date		Name			

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