



General Characteristics	Standard	Value
number of contacts		6
termination technique		crimp
wire gauge		0,14 mm ² - 4 mm ² AWG 26 - AWG 12
flammability	UL 94	V-0
Electrical Characteristics	Standard	Value
rated voltage	IEC 60664-1	630 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	6 kV
rated current T _{amb} = 40 °C		16 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)/Au (gold)
color		black

Gewicht (errechnet) / Calc WT: 9,9 g		Zul. Abw./Tolerances:		Maßstab / Scale: 2:1 (1:1)		A3			
Prüfmaß / Testdimension		ISO 2768-m		DIN / ISO 13715		CUSTOMER DRAWING			
Teileindex / Partindexnumber:									
Bagatelle change:						Buchsenmodul 6-Pol socket module 6 pole			
		Gez. Drawn		09.10.2015 PWÖLFFLE					
		Status		Released					
		Gepr. Checked		08.09.2017 MGRIMM					
Index		Änderung / Description		Datum / Date		Name		Amphenol Tuchel Industrial GmbH	
						M C146 10B006 600 15		Blatt / Sheet 1	
						Ers. f. / Replacement for: M-C146 10B006 500 15 Rev.01		1 Bl.	

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