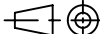


Characteristics

General Characteristics	Standard	Value
number of contacts		10+PE
termination technique		screw
wire gauge		0,5 mm ² - 4 mm ² AWG 20 - AWG 12
max. insulation diameter		4,6 mm
flammability	UL 94	V-0
Electrical Characteristics	Standard	Value
rated voltage	IEC 60664-1	500 V
pollution degree	IEC 60664-1	3
installation (overvoltage) category	IEC 60664-1	3
material group	IEC 60664-1	3b
rated impulse withstand voltage	IEC 60664-1	6 kV
rated current $T_{amb} = 40\text{ }^{\circ}\text{C}$		19 A
current carrying capacity	IEC 60512-5-2	see derating curve
contact resistance	IEC 60512-2-1	$\leq 5\text{ m}\Omega$
insulation resistance	IEC 60512-3-1	$\geq 10^{10}\text{ }\Omega$
Climatical Characteristics	Standard	Value
climatic category	IEC 60068-1	40 / 125 / 21
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		PC-GF20
contacts		CuZn (brass)
contact plating		Ag (silver)
color		grey

C146 E
ohne Drahtschutz
without wire prtction

Gewicht (errechnet) / Calc WT : 64,6 g				Zul. Abw./Tolerances :		Maßstab / Scale : 1:1		A3			
Prüfmaß / Testdimension				ISO 2768-mH		 DIN / ISO 13715		CUSTOMER DRAWING			
Teileindex Partindexnumber											
					Datum/Date	Name		Buchseneinsatz 10pol <i>female insert 10 pole</i>			
				Gez.	21.04.2016	PWÖLF					
				Drawn							
				Status: Released Inspector: 12.05.2016 MGRIM							
								M C146 10B010 002 1			
05	201600249	21.04.2016	PWÖLF	Amphenol-Tuchel Electronics GmbH						Blatt/Sheet	
04	201500911	10.02.2016	JHÖNN							1	
Index		Änderung/Description		Datum/Date		Name		4.040.565		Ers. f. / Replacement for : M-C146 10B010 002 1 Rev03	

Alle technischen Daten wurden unter Laborbedingungen ermittelt und können im Praxisbetrieb abweichen.
Es handelt sich bei den Angaben weder um Beschaffenheits- noch um Haltbarkeitsgarantien.
All technical data have been measured in a laboratory environment and can be different during practical usage of the product. Any product information is for descriptive usage only and not legally binding; particularly the information does not constitute or provide any legal guarantees ("Beschaffenheitsgarantie" or "Haltbarkeitsgarantie").