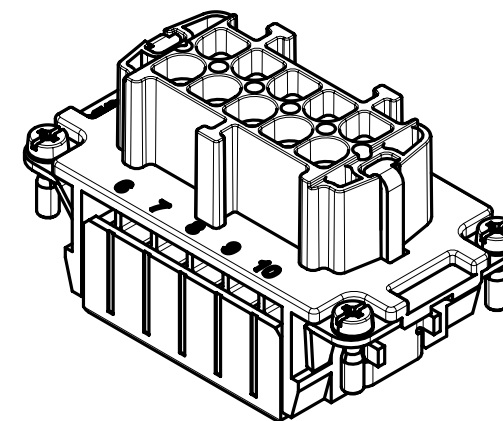
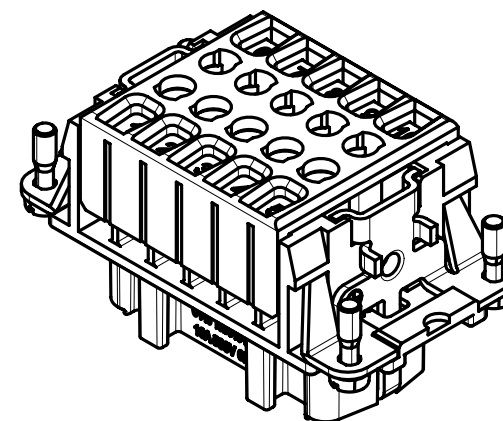
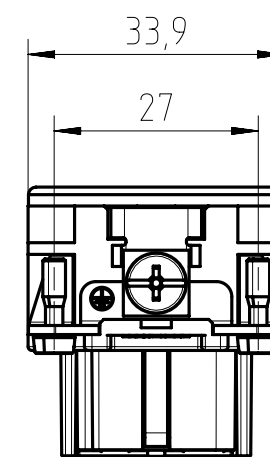
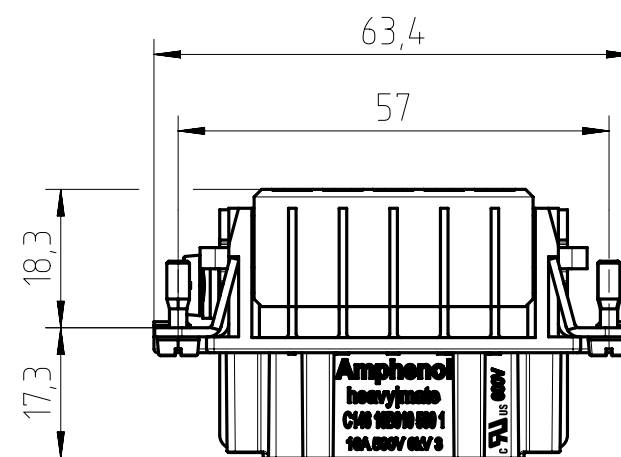
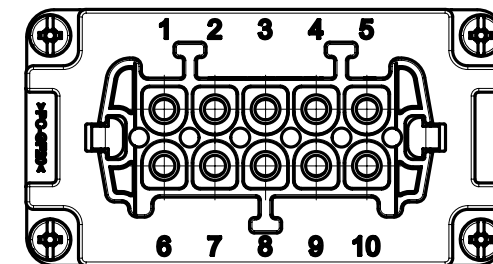


General Characteristics	Standard	Value
number of contacts		10 + PE
termination technique		crimp
wire gauge		0,14 mm ² - 4 mm ² AWG 26 - AWG 12
max. insulation diameter		4,6 mm
flammability	UL 94	V-0
Electrical Characteristics	Standard	Value
rated voltage	IEC 60664-1	500 V (UL/CSA 600 V)
pollution degree	IEC 60664-1	3
installation (overvoltage) category	IEC 60664-1	3
material group	IEC 60664-1	3a
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 / 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
contacts		CuZn (brass)
contact plating		Ag (silver) / Au (gold)
color		grey

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").



Gewicht (errechnet) / Calc WT: 48,1 g				Zul. Abw./Tolerances:		Maßstab / Scale: 1:1		A3	
 Prüfmaß / Testdimension				ISO 2768-m		CUSTOMER DRAWING			
Teileindex / Partindexnumber:						Buchseneinsatz 10-Pol + PE <i>socket insert 10 pole + PE</i>			
Bagatelle change:									
				Gez.	10.02.2016				
				Drawn	JHOENNIGE2				
				Status	Released				
				Gepr.	08.08.2018				
				Checked	MGRIMM				
04	201800292	17.07.2018	PWÖLF	Amphenol Tuchel Industrial GmbH		M C146 10B010 500 1			Blatt/ Sheet 1
03	201600249	21.04.2016	PWÖLF						
02	201500911	10.02.2016	JHÖNN						
Index	Änderung/Description	Datum/Date	Name			Ers. f. / Replacement for: M-C146 10B010 500 1 Rev01			1 Bl.

FAI2018-003246

NXM-V08

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