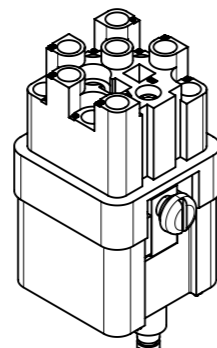
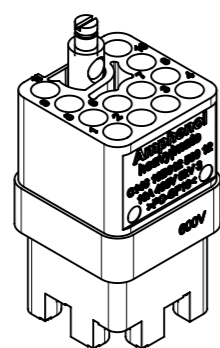
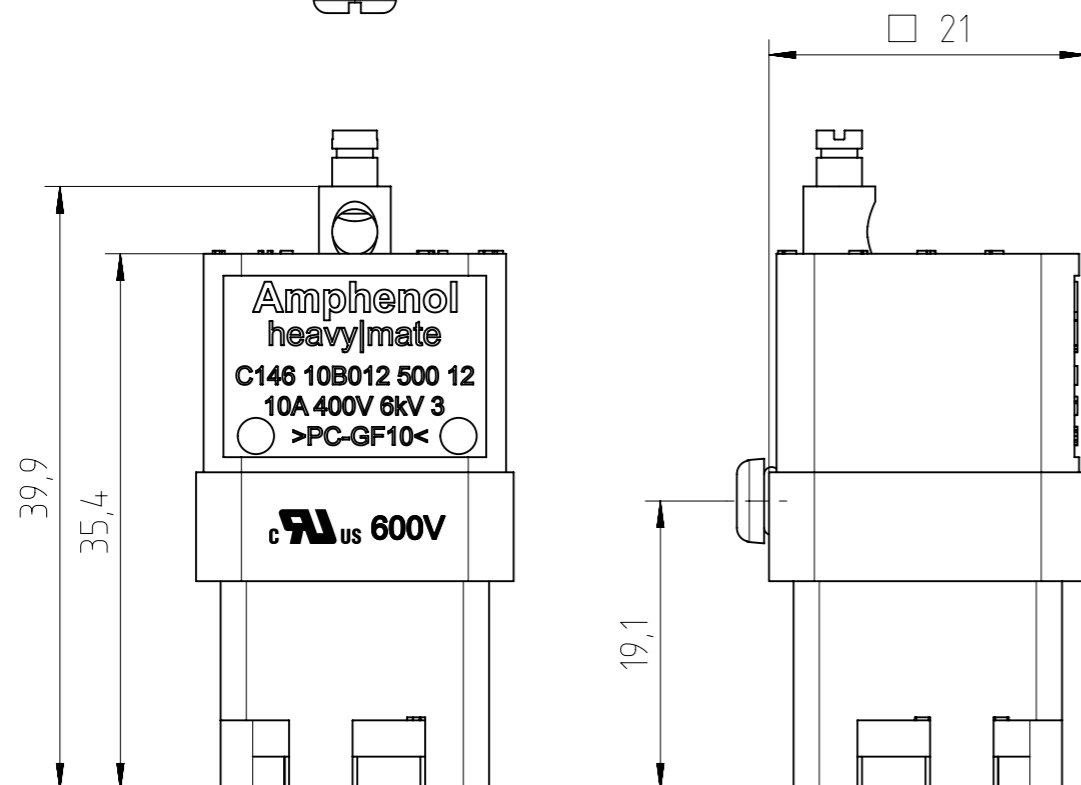
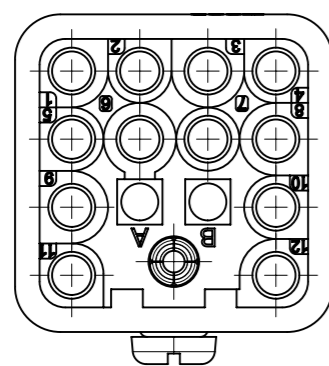


### Characteristics



General Characteristics	Standard	Value
number of contacts		12 + PE
termination technique		crimp
wire gauge		0,14 mm <sup>2</sup> - 2,5 mm <sup>2</sup> AWG 26 - AWG 14
max. insulation diameter		3,7 mm
flammability	UL 94	V-0
Electrical Characteristics	Standard	Value
rated voltage	IEC 60664-1	400 V (UL/CSA: 600 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 <sub>amb</sub> = 40 °C		10 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 <sup>10</sup> 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		PC-GF
contacts		CuZn (brass)
contact plating		Ag (silver)/Au (gold)
color		grey

passende Kodierelemente VN17 028 0001 X (10 Stk.)

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: 14,4 g	Zul. Abw./Tolerances:	Maßstab / Scale: 2:1 (1:1)	A3	
Prüfmaß / Testdimension	ISO 2768-m	CUSTOMER DRAWING		
Teileindex / Partindexnumber:	DIN / ISO 13715			
Bagatelle change:	Gez. 15.05.2013	Buchseneinsatz 12-Pol socket insert 12 pole		
	Drawn DSC-MIG			
	Status Released			
	Gepr. 08.09.2017			
	Checked MGRIMM	M C146 10B012 500 12		
	<b>Amphenol Tuchel Industrial GmbH</b>			
03 201700257	04.09.2017 PWOLF	Blatt / Sheet 1		
Index Änderung / Description	Datum / Date	Name		
Ers. f. / Replacement for: M-C146 10B012 500 12 Rev.02		1 Bl.		

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