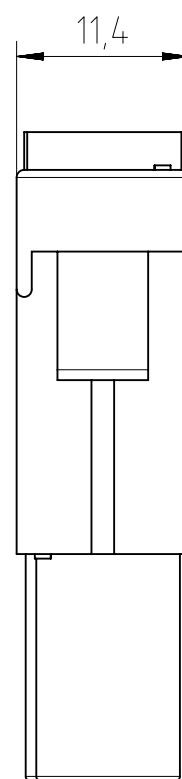
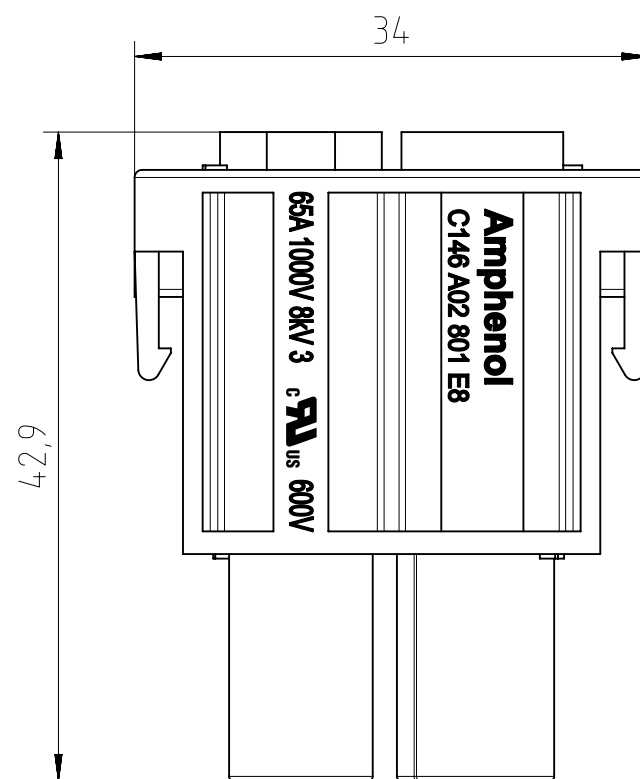
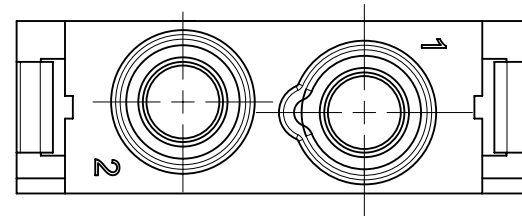
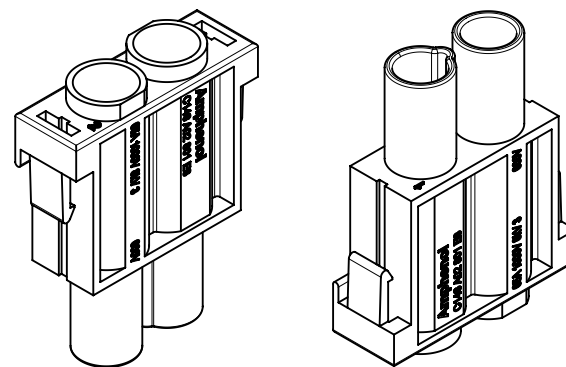
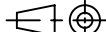




## Characteristics



General Characteristics	Standard	Value
number of contacts		2
termination technique		crimp
wire gauge		16 mm <sup>2</sup> (AWG 6)
max. insulation diameter		8,6 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	2
rated impulse withstand voltage	IEC 60664-1	8 kV
rated current T <sub>amb</sub> = 40 °C		65 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		PA-GF
contacts		CuZn (brass)
contact plating		Ag (silver)
color		black

Gewicht (errechnet) / Calc WT: 8 g				Zul. Abw./Tolerances :  ISO 2768-m		Maßstab / Scale : 2:1 (1:1)		A3			
 Prüfmaß / Testdimension						CUSTOMER DRAWING					
Teileindex / Partindexnumber:											
Bagatelle change:				 DIN / ISO 13715		Stiftmodul 2-Pol  pin module 2 pole					
				Gez. 01.09.2017		M C146 A02 801 E8					
				Drawn PWOELFFLE							
				Status Released							
				Gepr. 08.09.2017							
				Checked MGRIMM		M C146 A02 801 E8					
				<b>Amphenol Tuchel Industrial GmbH</b>		Blatt/ Sheet 1 1 Bl.					
03	201700257	01.09.2017	PWOLF								
Index	Änderung/Description	Datum/Date	Name			Ers. f. / Replacement for : M-C146 A02 801 E8 Rev.02					

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").