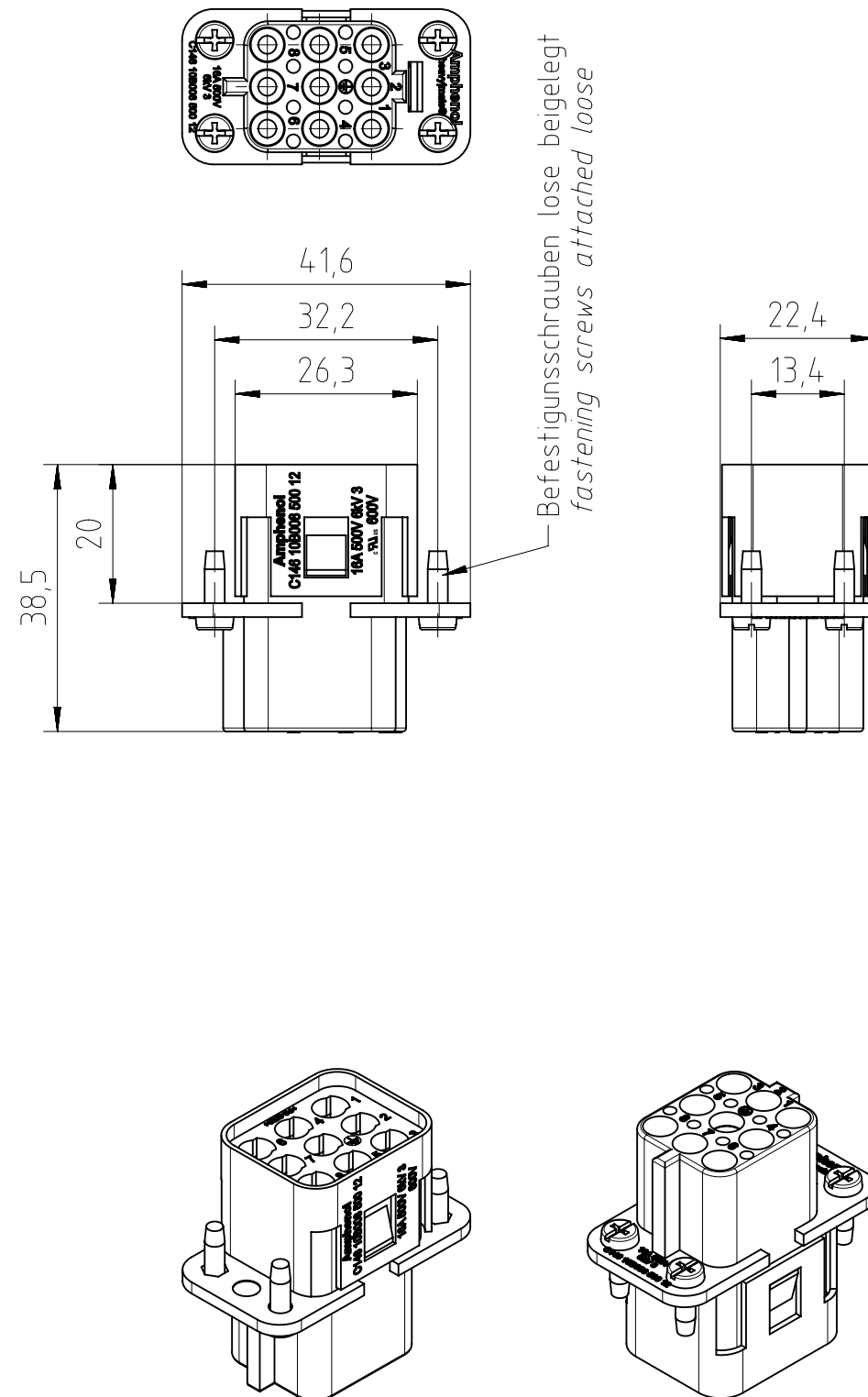
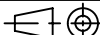




General Characteristics	Standard	Value
number of contacts		8 + PE
termination technique		crimp
wire gauge contacts + PE		0,14 mm ² - 4 mm ² AWG 26 - AWG 12
max. insulation diameter		4,6 mm
flammability	UL 94	V-0
Electrical Characteristics	Standard	Value
rated voltage	IEC 60664-1	500 V (UL/CSA: 600 V)
pollution degree	IEC 60664-1	3
installation (overvoltage) category	IEC 60664-1	3
material group	IEC 60664-1	3b
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		PC-GF
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 : 17 g				Zul. Abw./Tolerances : ISO 2768-m		 DIN / ISO 13715	Maßstab / Scale : 1:1		A3	
Prüfmaß / Testdimension										
Teileindex / Partindexnumber:										
Bagatelle change:										
				Gez.	20.03.2014	Buchseneinsatz 8-Pol <i>socket insert 8 pole</i>				
				Drawn	DSC-MIG					
				Status	Released					
				Gepr.	08.09.2017					
				Checked	MGRIMM					
				Amphenol Tuchel Industrial GmbH		M	C146 10B008 500 12			Blatt/ Sheet
03	201700257	07.09.2017	PWOLF							1
Index	Änderung/Description	Datum/Date	Name			Ers. f. / Replacement for : M-C146 10B008 500 12 Rev.02				