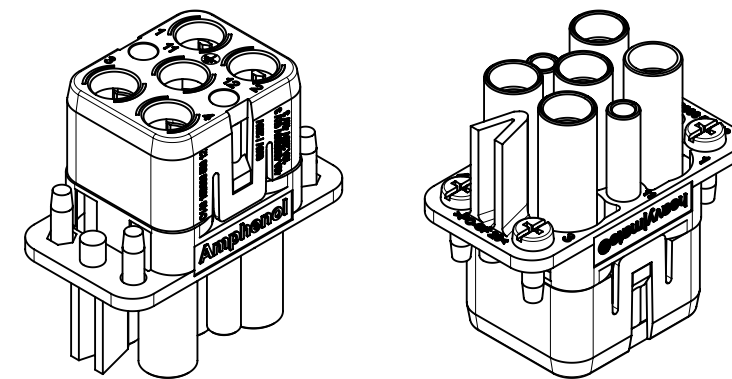
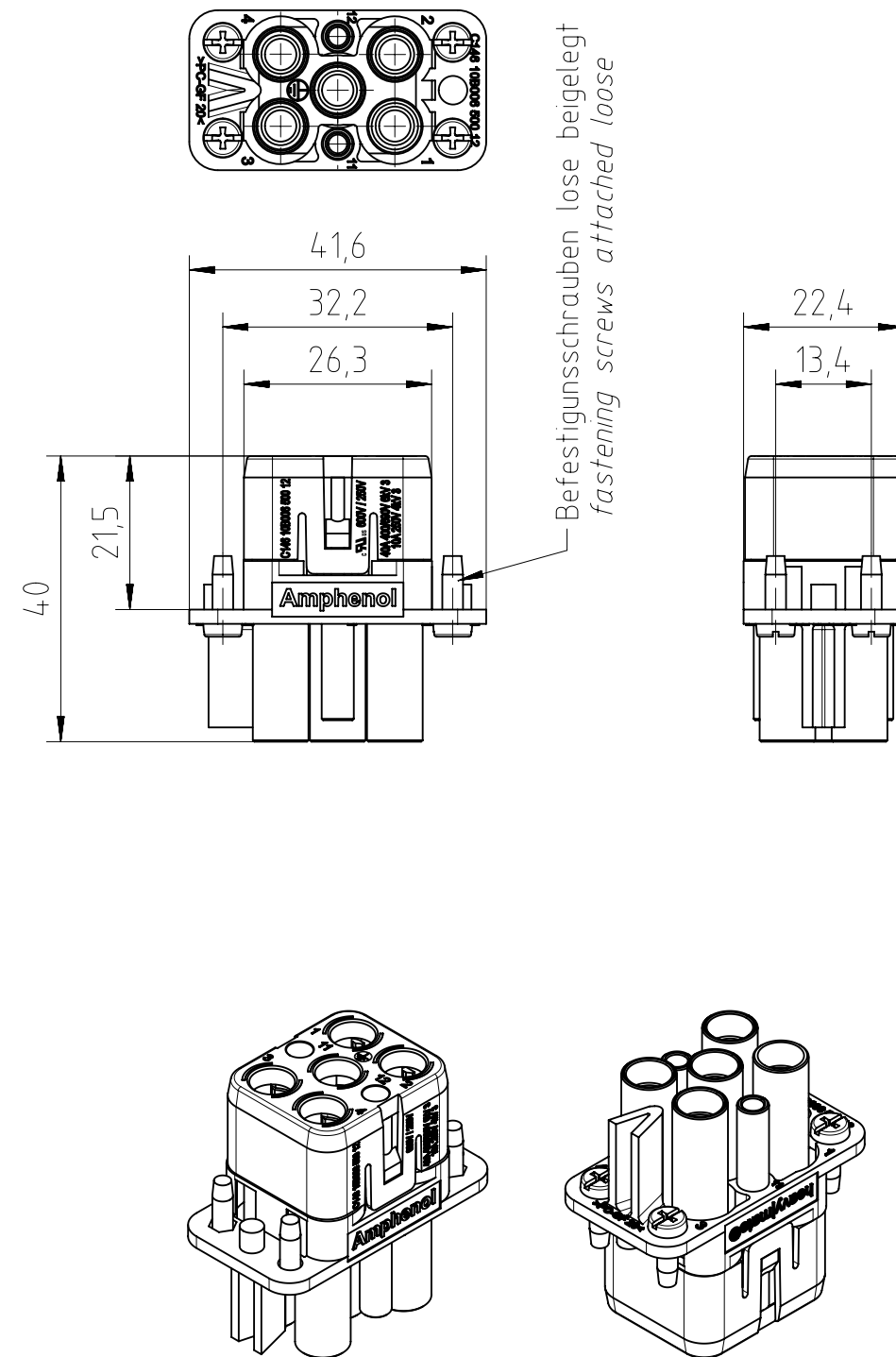


Characteristics

General Characteristics	Standard	Value
number of contacts		4 / 2 + PE
termination technique		crimp
wire gauge power contacts + PE		1,5 mm ² - 6 mm ² AWG 16 - AWG 10
wire gauge signal contacts		0,14 mm ² - 2,5 mm ² AWG 26 - AWG 14
max. insulation diameter		5,2 mm / 3,7 mm
flammability	UL 94	V-0
Electrical Characteristics	Standard	Value
rated voltage	IEC 60664-1	400 V (Leiter Erde) 690 V (Leiter-Leiter) / 250 V (UL/CSA: 600 V / 250 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 / 4 kV
rated current T _{amb} = 40 °C		40 A / 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 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: 18 g				Zul. Abw./Tolerances:		Maßstab / Scale: 1:1		A3			
 Prüfmaß / Testdimension						DIN / ISO 13715		CUSTOMER DRAWING			
Teileindex / Partindexnumber:				ISO 2768-m							
Bagatelle change:						Buchseneinsatz 6-Pol socket insert 6 pole					
				Gez.	28.08.2017						
				Drawn	PWOELFFLE						
				Status	Released						
				Gepr.	08.09.2017						
				Checked	MGRIMM	M C146 10B006 500 12					
				Amphenol Tuchel Industrial GmbH							
02	201700257	07.09.2017	PWÖLF			Blatt/ Sheet 1					
						1 Bl.					
Index	Änderung/Description	Datum/Date	Name			Ers. f. / Replacement for: M-C146 10B006 500 12 Rev.01					