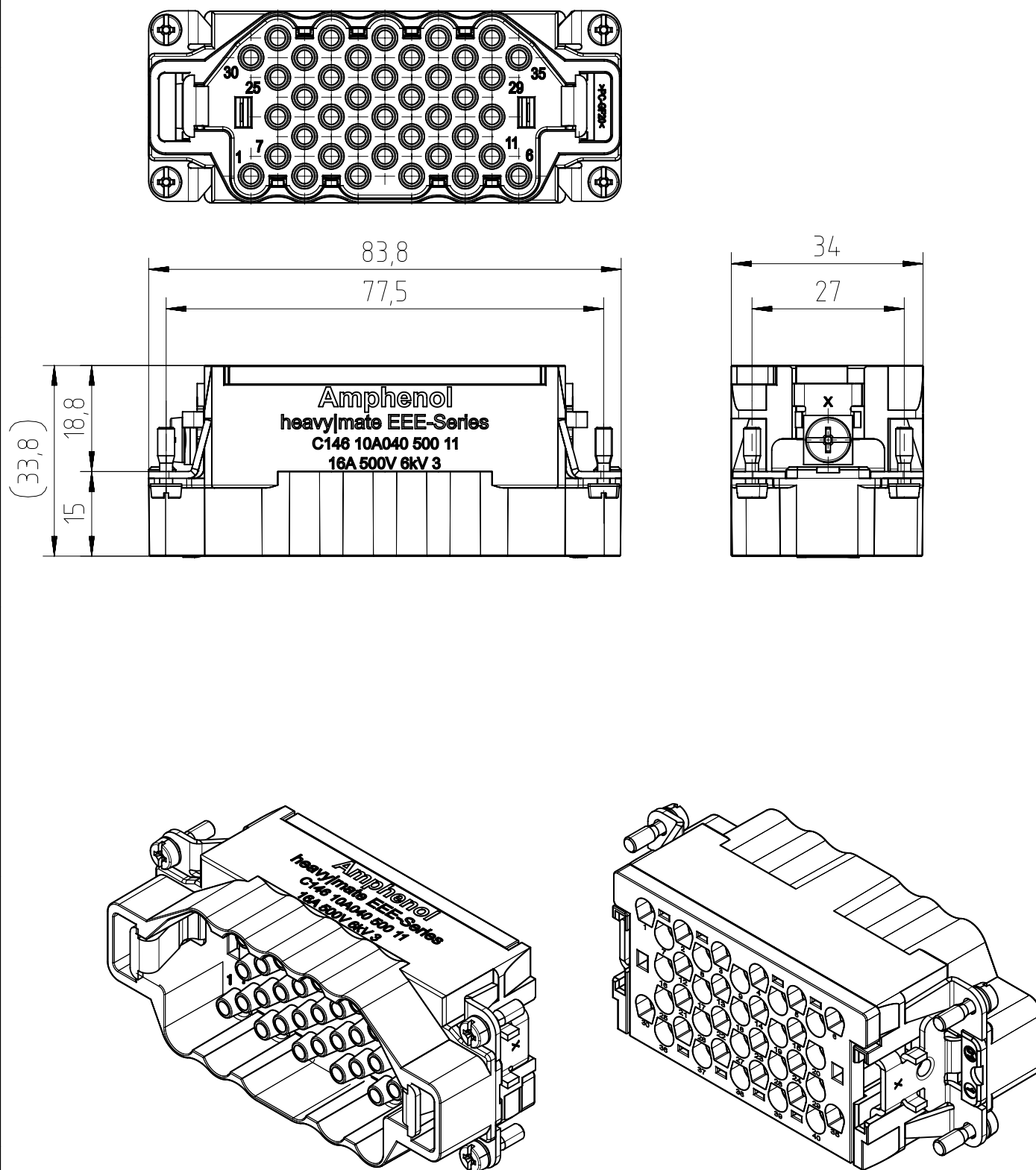
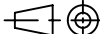


Characteristics



General Characteristics	Standard	Value
number of contacts		40+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
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 / 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-GF20
contacts		CuZn (brass)
contact plating		Ag (silver)/Au (gold)
color		grey

Gewicht (errechnet) / Calc WT: 55,7 g				Zul. Abw./Tolerances : ISO 2768-m		Maßstab / Scale : 1:1		A3			
Prüfmaß / Testdimension						CUSTOMER DRAWING					
Teileindex / Partindexnumber:											
Bagatelle change:				 DIN / ISO 13715		Stifteinsatz 40-Pol pin insert 40 pole					
				Gez.	14.03.2017	M C146 10A040 500 11					
				Drawn	MTOLKSDORF						
				Status	Released						
				Gepr.	03.07.2017						
				Checked	MGRIMM	Blatt/ Sheet 1					
Amphenol Tuchel Industrial GmbH											
02	201700246	14.06.2017	PWÖLF	Ers. f. / Replacement for :							
01	201500589	14.03.2017	MTOLK								
Index	Änderung/Description	Datum/Date	Name								

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").