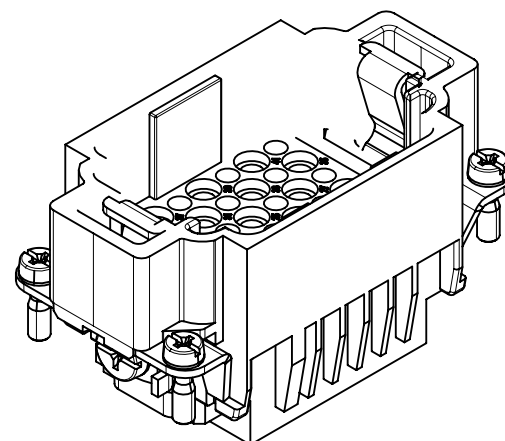
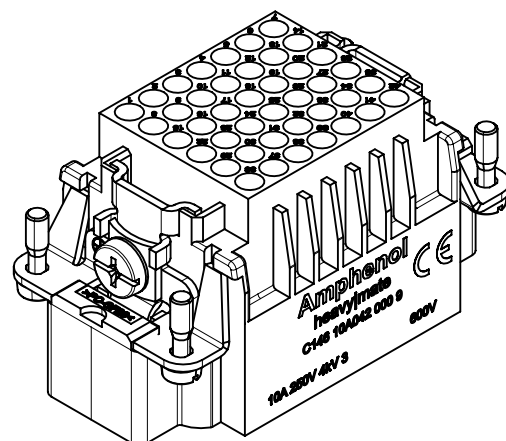
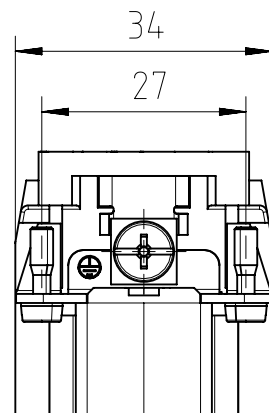
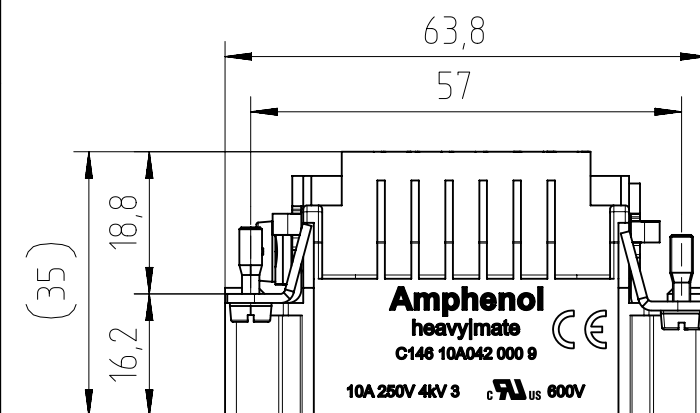
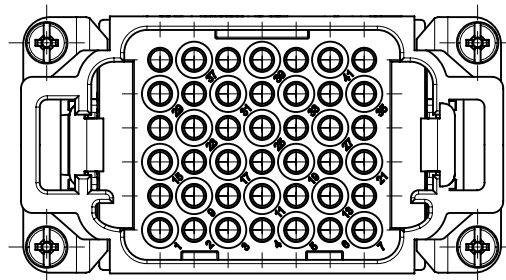




Alle technischen Daten wurden unter Laborbedingungen ermittelt und können im Praxisbetrieb abweichen.
Es handelt sich bei den Angaben weder um Beschaffenheits- noch um Haltbarkeitsgarantien.
All technical data have been measured in a laboratory environment and can be different during
practical usage 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").

Characteristics

General Characteristics	Standard	Value
number of contacts		24 + PE
termination technique		crimp / PCB (in combination with PCB adapter)
wire gauge		0,14 mm ² - 2,5 mm ² AWG 26 - AWG 14
max. insulation diameter		3,7 mm
flammability	UL 94	V-0
Electrical Characteristics	Standard	Value
rated voltage	IEC 60664-1	250 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	4 kV
rated current $T_{amb} = 40\text{ °C}$		10 A
current carrying capacity	IEC 60512-5-2	see derating curve
contact resistance	IEC 60512-2-1	$\leq 5\text{ m}\Omega$
insulation resistance	IEC 60512-3-1	$\geq 10^{10}\text{ }\Omega$
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/ ≥ 2000 mating cycles with special plating
Materials	Standard	Value
insert		PC-GF
contacts		CuZn (brass)
contact plating		Ag (silver)/Au (gold)
color		grey

Gewicht (errechnet) / Calc WT: 45,4 g				Zul. Abw./Tolerances: ISO 2768-m		Maßstab / Scale: 1:1		A3					
Prüfmaß / Testdimension						 DIN / ISO 13715		CUSTOMER DRAWING					
Teileindex / Partindexnumber:													
minor change:													
				Gez.	08.08.2013	Stifteinsatz 42-Pol pin insert 42 pole							
				Drawn	DSC-MIG								
				Status	Released								
				Gepr.	17.03.2026								
				Checked	IMOHLANG								
06	202500571	13.03.2026	SWHL	Amphenol Tuchel Industrial GmbH			M	C146 10A042 000 9			Blatt/She		
05	201700257	30.08.2017	PWÖLF								1		
04	201500909	25.02.2016	MTOLK								1 Bl		
Index	Änderung/Description	Datum/Date	Name				Ers. f. / Replacement for: M-C146 10A042 000 9 Rev05						