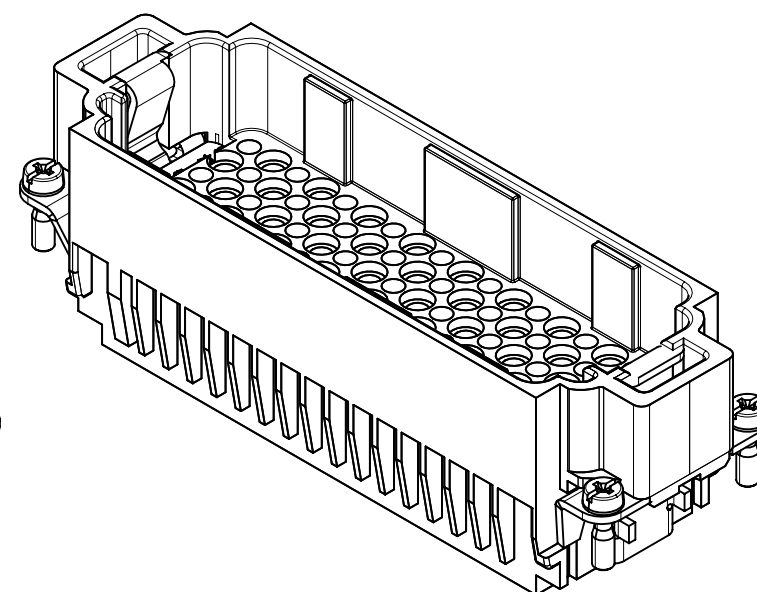
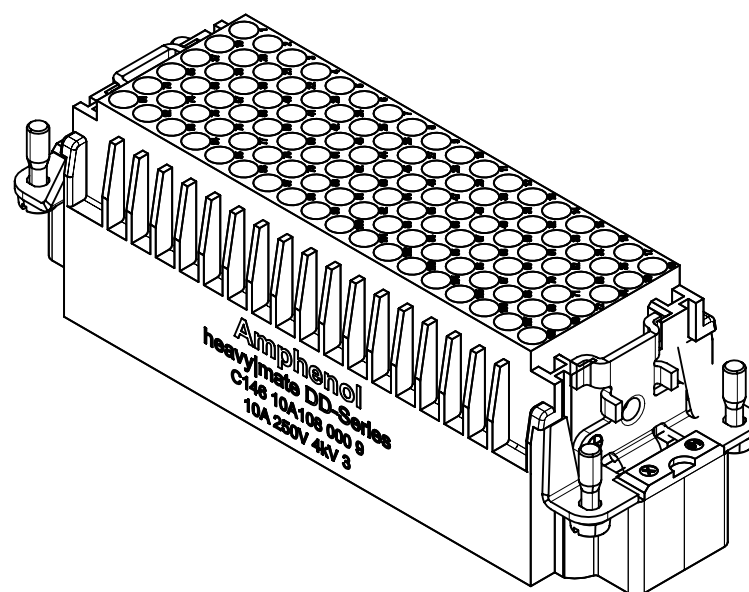
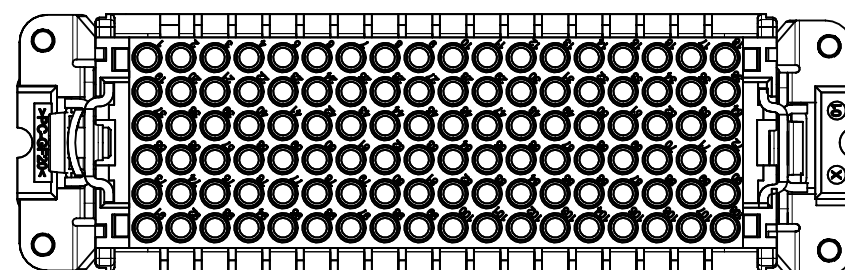
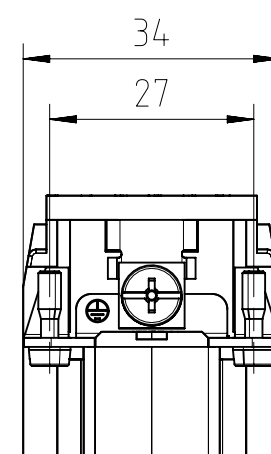
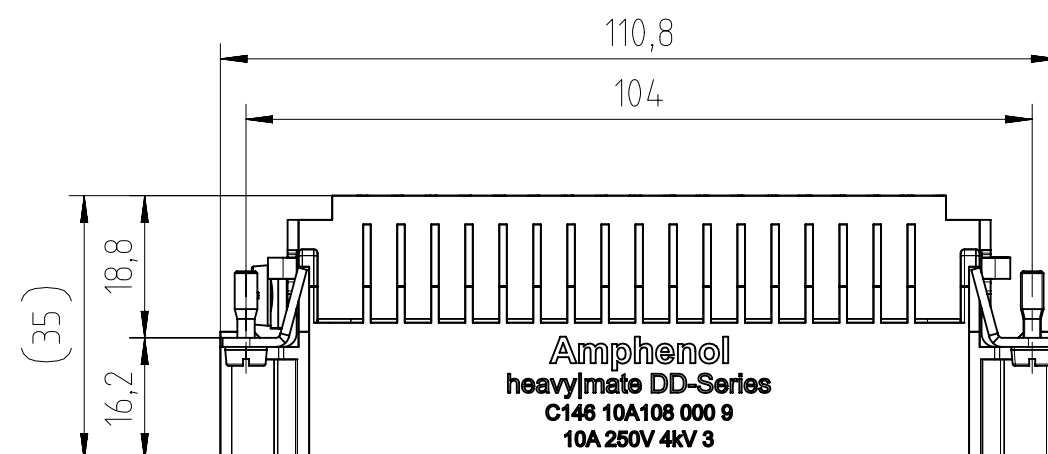


Characteristics

General Characteristics	Standard	Value
number of contacts		108 + PE
termination technique		crimp
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
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 / 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: 84,7 g				Zul. Abw./Tolerances:		Maßstab / Scale: 1:1		A3			
Prüfmaß / Testdimension				ISO 2768-m				CUSTOMER DRAWING			
Teileindex / Partindexnumber:											
Bagatelle change:								Stifteinsatz 108-Pol male insert 108 pole			
				Gez. 09.09.2015		Amphenol Tuchel Industrial GmbH					
				Drawn JHOENNIGE2							
				Status Released							
				Gepr. 19.09.2018							
				Checked MBERTSCH		M C146 10A108 000 9					
07	201800385	12.09.2018	PWÖLF			Ers. f. / Replacement for: M-C146 10A0108 000 9 Rev05					
06	201700119	02.05.2017	MTOLK								
05	201600106	22.02.2016	JHÖNN								
04	201500015	09.09.2015	JHÖNN								
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").