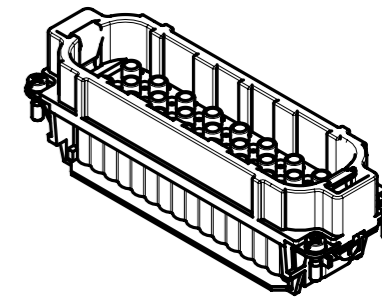
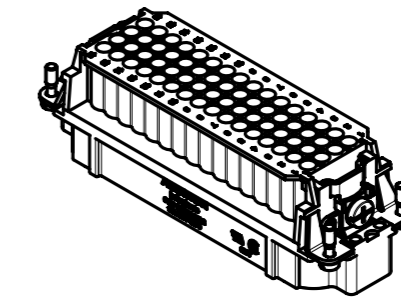
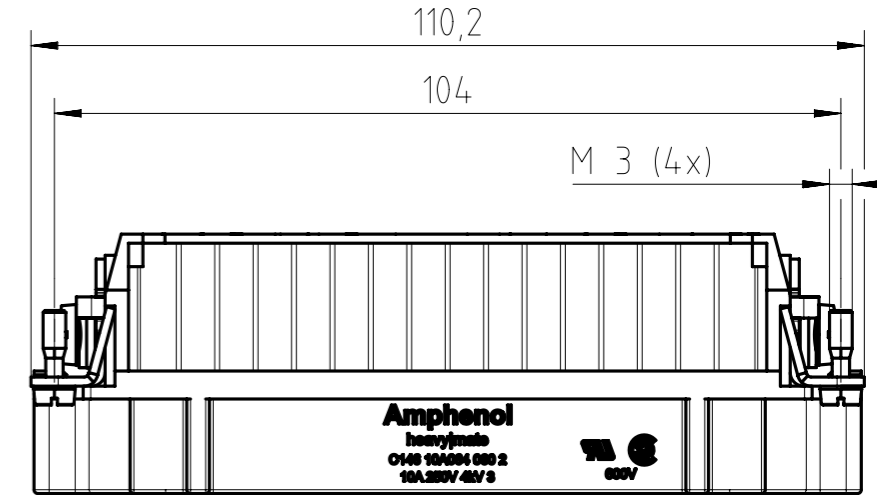
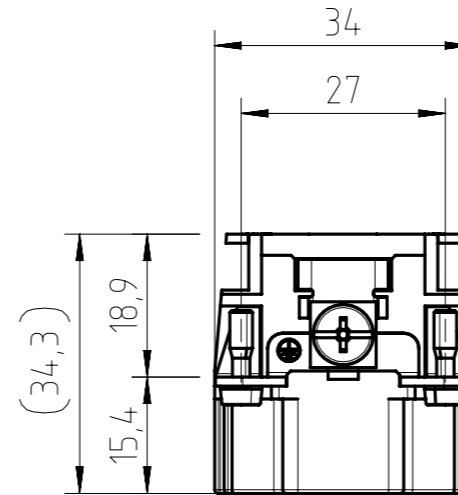
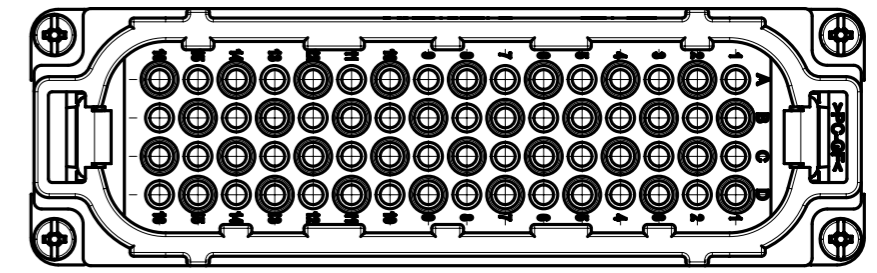


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General Characteristics	Standard	Value
number of contacts		64 + 2xPE
contacts termination technique		crimp
contacts type		stamped contacts
contacts wire gauge		0,14 mm <sup>2</sup> - 2,5 mm <sup>2</sup> AWG 26 - AWG 14
contacts max. cable diameter		3,7 mm
PE contacts termination technique		screw
PE contacts wire gauge (wire end sleeve recommended)		max. 6 mm <sup>2</sup> (10 - 16 mm <sup>2</sup> with cable lug)
PE contacts torque		1,8 Nm
4xM3 assembly bolts torque		1,2 - 1,8 Nm
protection class	IEC 60529	IP00 (unmated)
		IP20 (mated)
approvals	UL 1977	ECBT2.E63093
	CSA C22.2	048932_0_000
Electrical Characteristics	Standard	Value
rated voltage	IEC 60664-1	250V (UL/CSA: 600V)
pollution degree	IEC 60664-1	3
rated impulse withstand voltage	IEC 60664-1	4 kV
rated current T <sub>amb</sub> = 40 °C		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 <sup>10</sup> Ω
Climatical Characteristics	Standard	Value
operating temperature	IEC 60068-1	-40 - +125°C
Mechanical Characteristics	Standard	Value
mechanical operation	IEC 60512-9-1	≥500 mating cycles
mating/unmating force	IEC 60512-13-2	≥80 N
Materials	Standard	Value
insert material		PC-GF
insert flammability	UL 94	V-0
	EN 45545	HL3 acc. to R22/R23
insert color		grey
PE contacts material		CuZn (brass)



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: 66,2 g		Zul. Abw./Tolerances:		Maßstab / Scale: 1:1 (1:2)	A3	
Prüfmaß / Testdimension		ISO 2768-m		CUSTOMER DRAWING		
Teileindex / Partindexnumber:		DIN / ISO 13715		Stifteinsatz 64-Pol + 2xPE		
Bagatelle change:		Gez. 13.12.2013		pin insert 64 pole + 2xPE		
		Drawn jhoennige				
		Status Released				
		Gepr. 21.02.2022				
		Checked MBERTSCH				
		<b>Amphenol Tuchel Industrial GmbH</b>		Blatt / Sheet 1		
02	202000475	29.03.2021	PWÖLF	M C146 10A064 060 2		2 Bl.
Index	Änderung / Description	Datum / Date	Name	Ers. f. / Replacement for:		

PE contacts plating		Ni (nickel)
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