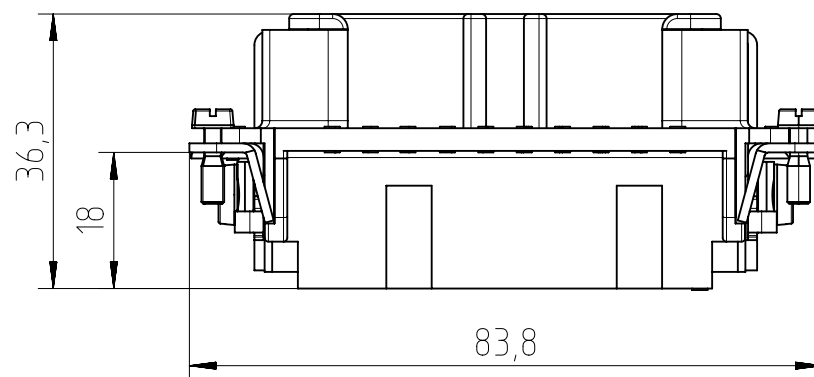
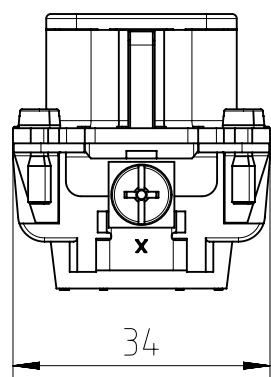
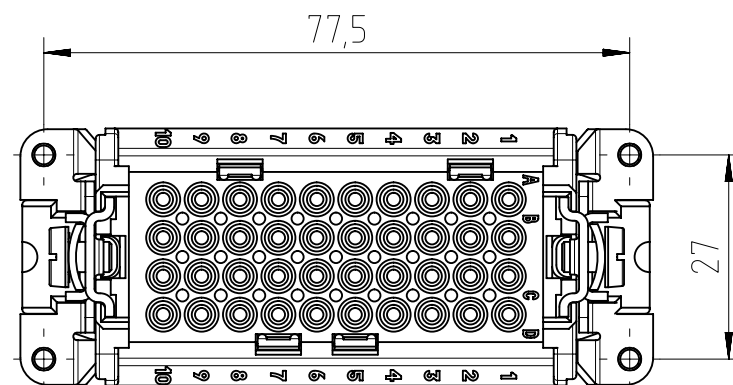
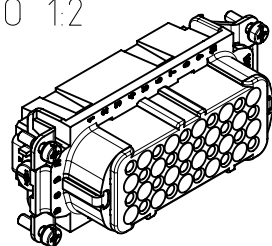




ISO 1:2



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		40
termination technique		crimp
wire gauge		0,14 mm ² - 2,5 mm ² AWG 26 - AWG 14
max. insulation diameter		4,3 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	3a
rated impulse withstand voltage	IEC 60664-1	4 kV
rated current T _{amb} = 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 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 GF grey
contacts		CuZn (brass)
contact plating		Ag (silver)/Au (gold)

Gewicht (errechnet) / Calc WT: 75 g				Zul. Abw./Tolerances:		Maßstab / Scale : 1:1 (1:2)		A3									
Prüfmaß / Testdimension						 DIN / ISO 13715		CUSTOMER DRAWING									
Teileindex / Partindexnumber:																	
Bagatelle change:				ISO 2768-m		Buchseneinsatz 40-Pol female insert 40 pol											
				Gez.	19.04.2017												
				Drawn	PWOELFFLE												
				Status	Released												
				Gepr.	09.05.2017												
				Checked	MGRIMM	M C146 10B040 060 2											
Amphenol Tuchel Industrial GmbH												Ers. f. / Replacement for : M-C146 10B040 060 2 Rev02					
04	201700173	21.04.2017	IMOHR	Blatt / Sheet 1													
03	201300856	19.04.2017	PWOLF									1 Bl.					
Index	Änderung / Description	Datum / Date	Name														

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