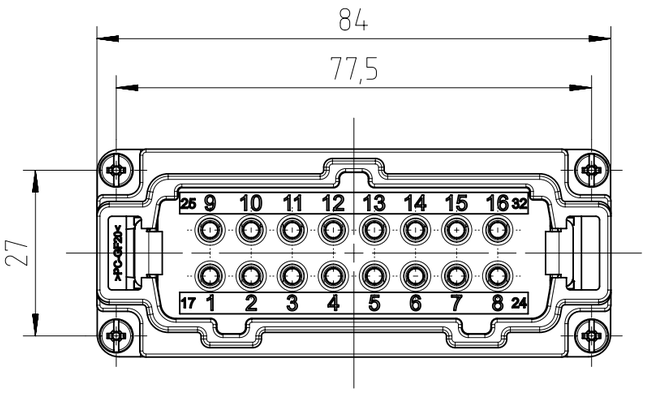
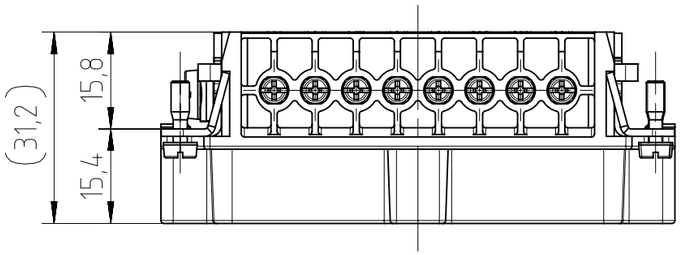
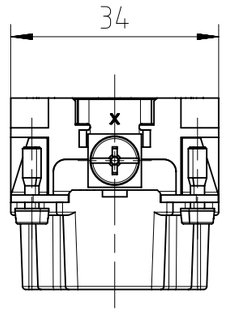
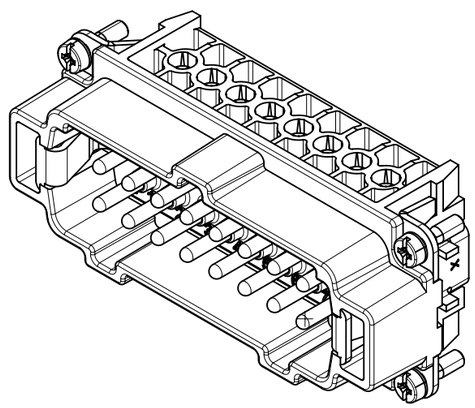
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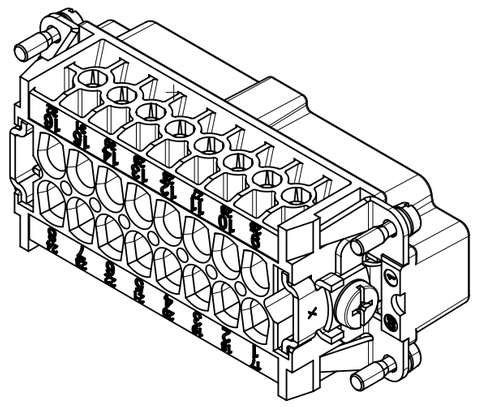
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Alle technischen Daten wurden unter Laborbedingungen ermittelt und können im Praxisbetrieb abweichen.
Es handelt sich bei den Angaben weder um Beschaffenheits- noch um Haltbarkeitsgarantien.
All technical data have been measured in a laboratory environment and can be different during practical usage of the product. Any product information is for descriptive usage only and not legally binding; particulary the information does not constitute or provide any legal guarantees (''Beschaffenheitsgarantie'' or ''Haltbarkeitsgarantie'').

Characteristics

General Characteristics	Standard	Value
number of contacts		16+PE
termination technique		screw
wire gauge		0,5 mm² - 4 mm² AWG 20 - 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		19 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)
color		grey

C146 E — ohne Drahtschutz / *without wire protection*

Index	Änderung/ *Description*	Datum/ *Date*	Name
05	201600249	21.04.2016	PWÖLF
04	201500909	25.01.2016	JHÖNN

Gewicht (errechnet) / *Calc WT* : 84 g
Prüfmaß / *Testdimension*
Teileindex
Partindexnumber

Zul. Abw./ *Tolerances* : ISO 2768-mH
DIN / ISO 13715

	Datum/ *Date*	Name
Gez. / *Drawn*	21.04.2016	PWÖLF

Status: Released
Inspector: 12.05.2016 MGRIM

Amphenol-Tuchel Electronics GmbH
4.040.556

Maßstab / *Scale* : 1:1 | A3

CUSTOMER DRAWING

Stifteinsatz 16pol
male insert 16pole

M C146 10A016 002 1

Blatt/ *Sheet* 1 / 1 Bl.

Ers. f. / *Replacement for* : M-C146 10A016 002 1 Rev03

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