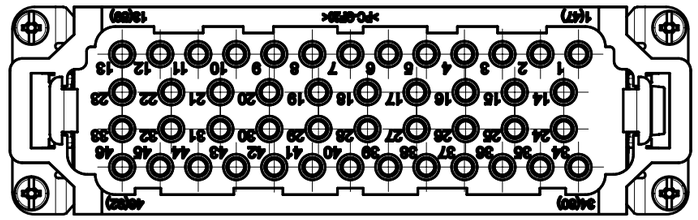
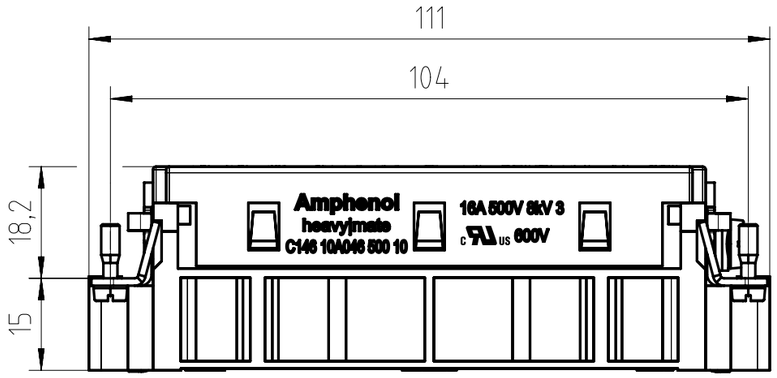
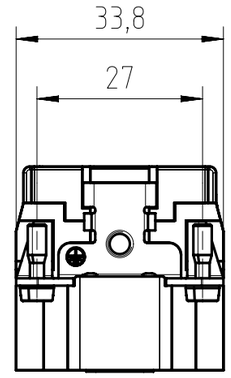
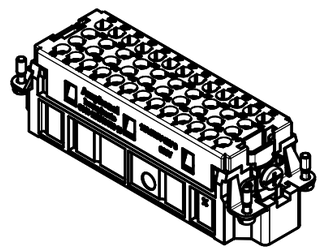
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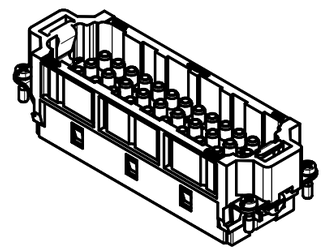
General Characteristics	Standard	Value
number of contacts		46 + PE
termination technique		crimp
wire gauge		0,14 mm² - 4,0 mm² AWG 26 - AWG 12
max. insulation diameter		4,8 mm
flammability	UL 94	V-0
Electrical Characteristics	**Standard**	**Value**
rated voltage	IEC 60664-1	500 V (UL/CSA 600 V)
pollution 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	8 kV
rated current T_{amb} = 40 °C		16 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
contacts		CuZn (brass)
contact plating		Ag (silver)/Au (gold)
color		grey











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").

Index	Änderung/ *Description*	Datum/ *Date*	Name
04	201800252	09.07.2018	PWÖLF
03	201500909	25.02.2016	MTOLK

Gewicht (errechnet) / *Calc WT* : 77 g
Prüfmaß / *Testdimension*
Teileindex / *Partindexnumber:*
Bagatelle change:

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

Gez. 20.01.2016
Drawn JHOENNIGE2
Status Released
Gepr. 16.07.2018
Checked MGRIMM

Amphenol Tuchel Industrial GmbH

Maßstab / *Scale* : 1:1 (1:2) | A3

CUSTOMER DRAWING

Stifteinsatz 46-Pol + PE
pin insert 46 pole + PE

M C146 10A046 500 10

Blatt/ *Sheet* 1 / 1 Bl.

Ers. f. / *Replacement for* : M-C146 10A046 500 10 Rev01

FA2018-002703
NXM-V04

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