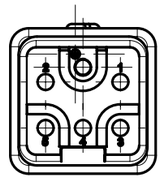
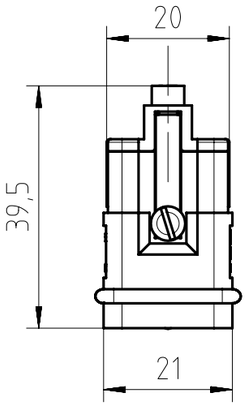
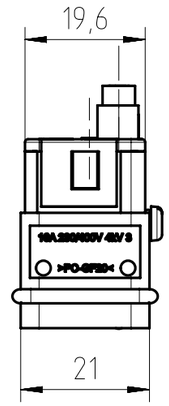
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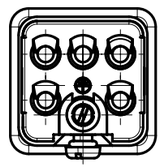
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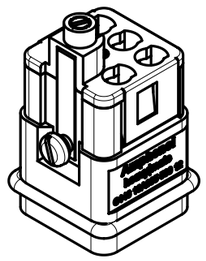


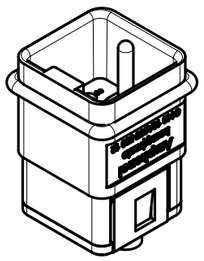












Characteristics

General Characteristics	Standard	Value
number of contacts		5+PE
termination technique		crimp
wire gauge		0,14 mm² - 4 mm² AWG 26 - AWG 12
Electrical Characteristics	**Standard**	**Value**
rated voltage	IEC 60664-1	400 V
rated voltage	UL / CSA	600 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		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-GF20
flammability	UL 94	V-0
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
03	201400652	09.10.14	IM
02	201100639	07.11.12	Ber.

Gewicht (errechnet) / *Calc WT*: 13,2 g
Prüfmaß / *Testdimension*
Teileindex
Partindexnumber

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

	Datum / *Date*	Name
Gez. / *Drawn*	10.10.2012	Bertsch

Status: Released
Inspector: 20.01.2016 MBERT

Amphenol-Tuchel Electronics GmbH

Maßstab / *Scale*: 1:1 | A3

CUSTOMER DRAWING

Stifteinsatz 5 Pol
pin insert 5 pole

M C146 10A005 500 12

Blatt / *Sheet* 1 / 1 Bl.

Ers. f. / *Replacement for*: M-C146 10A005 500 12 Rev.01

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