

heavy|mate® - C146 Q

Part No. C146 10A005 500 12

Series Heavy duty connectors heavy|mate® - C 146
Subseries Heavy duty connector heavy|mate® - C146 Q



View represents all available contact positions.

COMMON CHARACTERISTICS		
No. of contacts		5 + PE
Type of contact		Crimp contact
Sex of Contact		Pin
ELECTRICAL CHARACTERISTICS		
Rated voltage	DIN EN 60664-1 / IEC 60664-1	230/400V (cond. - gnd. / cond.-cond.)
Rated impulse voltage	DIN EN 60664-1 / IEC 60664-1	6000V
Rated current at 40°C		siehe Deratingkurven A
Installation category	DIN EN 60664-1 / IEC 60664-1	III
Insulation group	DIN EN 60664-1 / IEC 60664-1	II
Insulation resistance	DIN EN 60512-2, Test 3a / IEC 60512-2, Test 3a	≥ 10 ¹⁰ Ω
Contact resistance	DIN EN 60512-2, Test 2a / IEC 60512-2 Test 2a	< 5 mΩ
Pollution degree	DIN EN 60664-1 / IEC 60664-1	3
CLIMATIC CHARACTERISTICS		
Climatic category	DIN EN 60068-1 / IEC 60068-1	40 / 125 / 21
MECHANICAL CHARACTERISTICS		
Mechanical lifetime		≥ 500 mating cycles
MATERIALS		
Contacts		Cu-alloy
Insert		PC
Colour		grey
Contact plating		silver plated / gold plated
Male contact		CuZn
Female contact		CuZn
FURTHER CHARACTERISTICS		
Termination		crimp
Wire gauge		0,5mm² - 4mm²
Wire gauge (AWG)		20 - 12
Flammability	UL 94	V-0

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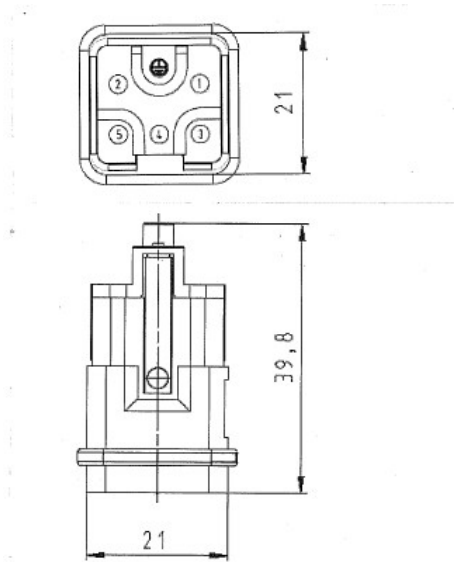
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Drawing

Dimensions in mm (Inch)

26.06.2013