

heavy|mate® - C146 F Pin module 12 pole

Part No. C146 10A012 500 15

Pin module 12 pole

Series Heavy duty connectors heavy|mate® - C 146

Subseries Heavy duty connector heavy|mate® - C146 F



View represents all available contact positions.

## COMMON CHARACTERISTICS

No. of contacts		12
Type of contact		Turned crimp contact
Sex of Contact		Pin

## ELECTRICAL CHARACTERISTICS

Rated voltage	DIN EN 60664-1 / IEC 60664-1	250V (400V pollution degree II)
Rated impulse voltage	DIN EN 60664-1 / IEC 60664-1	8000V
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	$\geq 10^{10}$
Contact resistance	DIN EN 60512-2, Test 2a / IEC 60512-2 Test 2a	< 5 m
Pollution degree	DIN EN 60664-1 / IEC 60664-1	3

## CLIMATICAL CHARACTERISTICS

Climatic category	DIN EN 60068-1 / IEC 60068-1	40 / 100 / 21
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## MECHANICAL CHARACTERISTICS

IP degree of protection	DIN EN 60529 / IEC 60529	IP00 unmated
Insertion and withdrawal force	DIN EN 60512-13-2, Test 13b / IEC 60512-13-2, Test 13b	30 - 35 N
Mechanical lifetime		$\geq 500$ mating cycles

## MATERIALS

Contacts		CuZn
Insert		PA 6.6
Colour		black
Contact plating		silver plated / gold plated
Male contact		CuZn
Female contact		CuZn

## FURTHER CHARACTERISTICS

Termination		crimp
Wire gauge		0,14 mm <sup>2</sup> - 2,5 mm <sup>2</sup>
Wire gauge (AWG)		26 - 14
Flammability	UL 94	V-0

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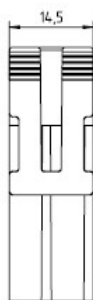
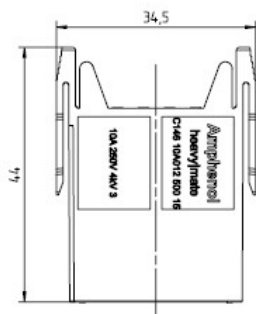
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26.06.2013

Drawing Dimensions in mm (Inch)