



General Characteristics	Standard	Value
compatible with	2 pcs. Female Insert	C146 B05 100 G8
number of contacts		2 x 4
termination technique		crimp
wire gauge		0,14 - 2,5 mm <sup>2</sup> (AWG 26-14)
flammability	UL 94	V-0
Electrical Characteristics	Standard	Value
rated voltage	IEC 60664-1	50 V
pollution degree	IEC 60664-1	3
installation (overvoltage) category	IEC 60664-1	3
material group	IEC 60664-1	2
rated impulse withstand voltage	IEC 60664-1	0,8 kV
rated current T <sub>amb</sub> = 40 °C		10 A
current carrying capacity	IEC 60512-5-2	see derating curve
contact resistance	IEC 60512-2-1	≤ 5 mΩ
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
module		PA 6.6 GF
color		black
insert		Zinc, PC grey
contacts		copper alloy
contact plating		Au (gold)

Gewicht (errechnet) / Calc WT: g	Zul. Abw./Tolerances:	Maßstab / Scale: 2:1	A3			
Prüfmaß / Testdimension	ISO 2768-m/K	CUSTOMER DRAWING				
Teileindex / Partindexnumber	DIN / ISO 13715					
	2014 Datum/Date	Buchsenmodul socket module				
	Gez. 14.01.				Name Holley	
	Gepr.					
	Checked					
		Amphenol-Tuchel Electronics GmbH				
02	201300813	10.04.14	Holley	M C146 B08 102 E8		
Index	Änderung/Description	Datum/Date	Name	Ers. f. l. Replacement for: M-C146 B08 102 E8 Rev01		
				Blatt/Sheet 1		
				1 Bl.		

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; particularly the information does not constitute or provide any legal guarantees ("Beschaffenheitsgarantie" or "Haltbarkeitsgarantie").

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