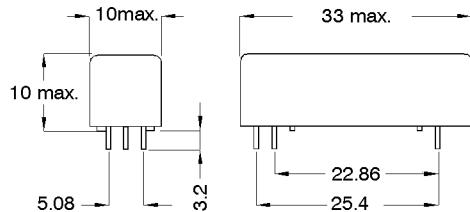


DIMENSIONS (mm)

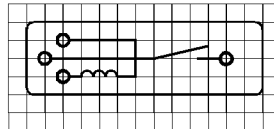


Pins: Ø0.65 mm  
 L = 3.2±0.3 mm  
 Material: Cu-alloy tinned

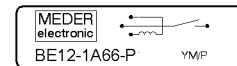


LAYOUT(10)

pitch 2.54 mm/Top view



MARKING



MEDER-Label  
 Type/Layout  
 Production code,  
 EN60062/Factory code

Coil Data at 20 °C	Conditions	Min	Typ	Max	Unit
Coil resistance		770	855	940	Ohm
Coil voltage			12		VDC
Rated power			168		mW
Pull-In voltage				8,4	VDC
Drop-Out voltage		0,7			VDC

Contact data 66	Conditions	Min	Typ	Max	Unit
Contact-form		A			
Contact-material		Iridium			
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			10	W
Switching voltage	DC or Peak AC			200	V
Switching current	DC or Peak AC			0,5	A
Carry current	DC or Peak AC			1	A
Contact resistance static	Measured with 40% overdrive Start Value			150	mOhm
Insulation resistance	RH <45 %, 100 V test voltage	10			GOhm
Breakdown voltage (> 20 AT)	according to IEC 255-5	225			VDC
Operate Time	measured with 40% overdrive			0,7	ms
Release time	measured with no coil excitation			0,05	ms
Capacity	@ 10 kHz across open switch		0,3		pF

Special Product Data	Conditions	Min	Typ	Max	Unit
Insulation resistance Coil/Contact	RH <45%, 200 VDC test voltage	1.000			GOhm
Dielectric Strength Coil/Contact	according to IEC 255-5	2			kV AC
Housing material		Polycarbonat			
Sealing compound		Polyurethan			
Connection pins		Copper alloy tin plated			

Environmental data	Conditions	Min	Typ	Max	Unit
Shock	1/2 sine wave duration 11ms			50	g
Vibration	from 10 - 2000 Hz			20	g
Operating temperature		-20		70	°C
Storage temperature		-40		105	°C



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Item No.:  
**8812171100**  
Item:  
**BE12-1A66-P**  
**BE12-1A71-P**

Environmental data	Conditions	Min	Typ	Max	Unit
Soldering temperature	wave soldering max. 5 sec.			260	°C
Washability		fully sealed			

Modifications in the sense of technical progress are reserved

Designed at: 09.03.09    Designed by: MPOTUZAK  
Last Change at:            Last Change by:

Approval at: 10.03.09    Approval by: DSTASTNY  
Approval at:                Approval by:

Version: 02