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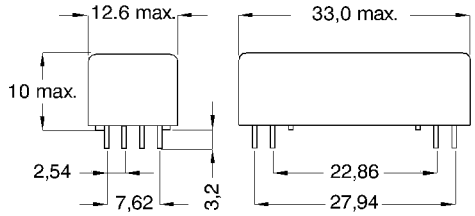
Item No.: 8812171500
Item: BE12-1B66-V

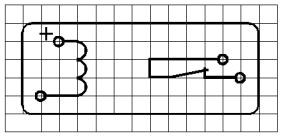
Preliminary Datasheet

DIMENSIONS (mm)

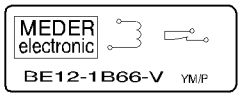


Pins: Ø0.65 mm
L = 3.2±0.3 mm
Material: Cu-alloy tinned

LAYOUT
pitch 2.54 mm/Top view



MARKING



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

Coil datas at 20 °C	Conditions	Min	Typ	Max	Unit
Coil resistance		990	1.100	1.210	Ohm
Coil voltage			12		VDC
Rated power			131		mW
Pull-In voltage				8,4	VDC
Drop-Out voltage		1			VDC

Contact data 66	Conditions	Min	Typ	Max	Unit
Contact-form		B - NC			
Contact-material		Rhodium			
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			10	W
Switching voltage (>20 AT)	DC or Peak AC			200	V
Switching current	DC or Peak AC			0,5	A
Carry current	DC or Peak AC			1,25	A
Contact resistance static	Measured with 40% overdrive Start Value			150	mOhm
Contact resistance dynamic	Maximum value 1,5 ms after excitation Start Value			200	mOhm
Insulation resistance	RH <45 %, 100 V test voltage	10			GOhm
Operate time incl. bounce	measured with 40% overdrive			0,5	ms
Release time	measured with no coil excitation			0,1	ms

Special Product Data	Conditions	Min	Typ	Max	Unit
Insulation resistance Coil/Contact	RH <45%, 100 V test voltage	1.000			GOhm
Insulation voltage Coil/Contact	according to IEC 255-5	4,5			KVAC
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
Ambient temperature		-20		70	°C
Storage temperature		-40		105	°C
Soldering temperature	max. 5 sec			260	°C
Washability		fully sealed			