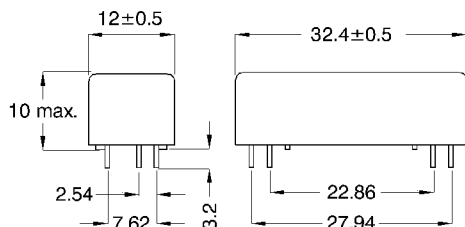


LAYOUT

pitch 2.54 mm/Top view

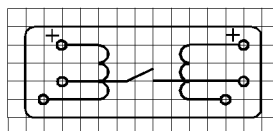
MARKING



Pins: Ø0.65 mm

L = 3.2±0.3 mm

Material: Cu-alloy tinned



Coil polarity must be observed !

 In the operating of latching relays, the contact is closed by the application of a positive pulse ($\geq 2\text{ms}$) to one of the two coils, via the pin marked "+". This condition is maintained until one of the "+" pins receives a negative pulse ($\geq 2\text{ms}$).

 dimensions / Abmessungen (mm)
 unspecified tolerances acc. to DIN ISO 2768-m

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

Coil Data at 20 °C	Conditions	Min	Typ	Max	Unit
Coil resistance S1		4.560	5.060	5.560	Ohm
Coil resistance S2		4.560	5.060	5.560	Ohm
Coil voltage			12	18	VDC
Rated power			29		mW
Thermal Resistance			56		K/W
Pull-In voltage		0,8		8,4	VDC
Drop-Out voltage		0,8		8,4	VDC

Contact data 66	Conditions	Min	Typ	Max	Unit
Contact-No.		66			
Contact-form		E - bistable NO			
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			10	W
Switching voltage ($>20\text{ AT}$)	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 nominal voltage at 20 °C			150	mOhm
Insulation resistance	RH $<45\%$, 100 VDC test voltage	10			GOhm
Breakdown voltage ($>20\text{ AT}$)	according to IEC 255-5	225			VDC
Release time	measured with no coil excitation			0,1	ms
Operate time incl. bounce	measured with nominal voltage at 20 °C			0,5	ms
Capacitance	@ 10 kHz across open switch		0,2		pF

Special Product Data	Conditions	Min	Typ	Max	Unit
Insulation resistance Coil/Contact	RH $<45\%$, 200 VDC test voltage	1.000			GOhm
Insulation voltage Coil/Contact	according to IEC 255-5	2			kV AC
Housing material		Metal/magnetic shield/Fe			
Sealing compound		Polyurethan			
Connection pins		Copper alloy tin plated			
number of contacts		1			



Products for tomorrow...

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Item No.:

8812171700

Item:

BE12-1E66-M

BE12-1E71-M

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	wave soldering max. 5 sec.			260	°C
Cleaning		fully sealed			

Modifications in the sense of technical progress are reserved

Designed at: 02.02.09 Designed by: WKOVACS

Approval at: 06.02.09 Approval by: KOLBRICH

Last Change at: 06.02.09 Last Change by: ALICHTENSTEIN

Approval at: 06.02.09 Approval by: KOLBRICH

Version: 03