Europe: +49 / 7731 8399 0 | Email: info@meder.com
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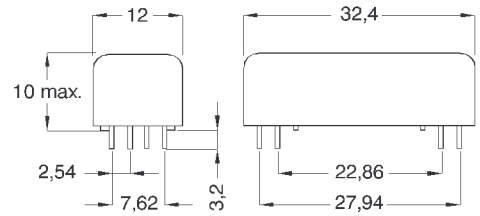
Asia: +852 / 2955 1682 | Email: salesasia@meder.com

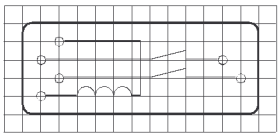
Item No.:
8812285200
Item:
BE12-2A85-M

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 Data 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 85	Conditions	Min	Typ	Max	Unit
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			100	W
Switching voltage	DC or Peak AC			1.000	V
Carry current	DC or Peak AC 100% Duty Cycle			2,5	A
Contact resistance static	Measured with 40% overdrive			150	mOhm
Insulation resistance	RH <45 %, 100 V test voltage	1			TOhm
Breakdown voltage (30-40 AT)	according to EN 60255-5	2,5			kV DC
Operate time incl. bounce	measured with 40% overdrive			1,1	ms
Release time	measured with no coil excitation			0,1	ms
Capacitance	@ 10 kHz across open switch		0,5		pF

Special Product Data	Conditions	Min	Typ	Max	Unit
Number of contacts		2			
Contact - form		A - NO			
Dielectric Strength Coil/Contact	according to EN 60255-5	2			kV DC
Insulation resistance Coil/Contact	RH <45%, 200 VDC test voltage	1			TOhm
Housing material		Metal			
Magnetic Shield		yes			
RoHS conformity		yes			
Sealing compound		Polyurethan			
Connection pins		Copper alloy tin plated			

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Products for tomorrow...

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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		-20		70	°C
Soldering temperature	wave soldering max. 5 sec.			260	°C
Washability		fully sealed			