Europe: +49 / 7733 9487 0 | Email: info@meder.com
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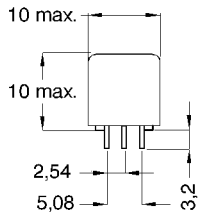
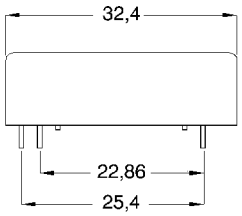
Asia: +852 / 2955 1682 | Email: salesasia@meder.com

Item No.: 8848185100
Item: BE48-1A85-P

preliminary datasheet

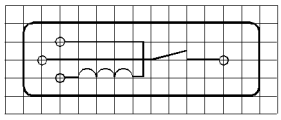
DIMENSIONS (mm)



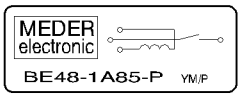


Pins: Ø0.65 mm
L = 3.2±0.3 mm
Material: Cu-alloy tinned

LAYOUT (10)
pitch 2.54 mm/Top view



MARKING



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

Coil datas at 20 °C	Conditions	Min	Setpoint	Max	Unit
Coil resistance		10.020	10.120	10.220	Ohm
Coil voltage			48		VDC
Rated power			228		mW
Pull-In voltage				33,6	VDC
Drop-Out voltage		3,3			VDC

Contact data 85	Conditions	Min	Setpoint	Max	Unit
Contact-No.		85			
Contact-form		A			
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
Switching current	DC or Peak AC			1	A
Carry current	DC or Peak AC			2,5	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
Breakdown voltage (40-50 AT)	according to IEC 255-5	3.000			VDC
Operate time incl. bounce	measured with 40% overdrive			1,1	ms
Release time	measured with no coil excitation			0,1	ms
Capacity	@ 10 kHz		0,5		pF

special product data	Conditions	Min	Setpoint	Max	Unit
Insulation resistance Coil/Contact	RH <45%, 500 V test voltage	1.000			GOhm
Insulation voltage Coil/Contact	according to IEC 255-5	2			KVAC
Housing material		Polycarbonat			
Connection pins		Copper alloy tin plated			

Environmental data	Conditions	Min	Setpoint	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			