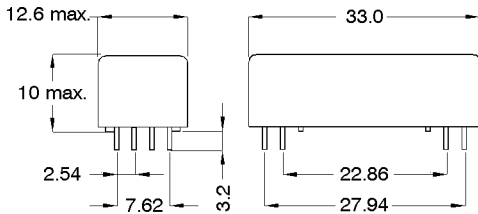


DIMENSIONS (mm)

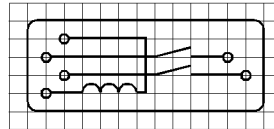


Pins: Ø0.65 mm
 L = 3.2±0.3 mm
 Material: Cu-alloy tinned

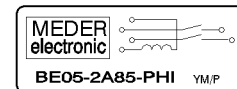


LAYOUT

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		63	70	77	Ohm
Coil voltage			5		VDC
Rated power			357		mW
Thermal Resistance			61		K/W
Pull-In voltage				3,5	VDC
Drop-Out voltage		0,5			VDC

Contact Data 85	Conditions	Min	Typ	Max	Unit
Contact-form			A-NO		
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 100% Duty Cycle			2,5	A
Contact resistance static	Measured with 40% overdrive			150	mOhm
Insulation resistance	RH <45 %, 100 V test voltage	1.000			GOhm
Breakdown voltage (30-40 AT)	according to IEC 255-5	2.500			VDC
Operate time incl. bounce	measured with 40% overdrive			1,1	ms
Release time	measured with no coil excitation			0,1	ms
Capacity			0,5		pF

Special Product Data	Conditions	Min	Typ	Max	Unit
Insulation resistance Coil/Contact	RH <45%, 200 VDC Messspannung	100			TOhm
Insulation voltage Coil/Contact	gemäß IEC 255-5	2			kV AC
Housing material			Polycarbonat		
Sealing compound			Epoxy Resin		
Connection pins			Copper alloy tin plated		
Number of contacts			2		

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



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Item No.:
8805285104
Item:
BE05-2A85-PHI

Environmental data	Conditions	Min	Typ	Max	Unit
Storage temperature		-40		105	°C
Soldering temperature	Wellenlöten max. 5 sec			260	°C
Cleaning		fully sealed			

Modifications in the sense of technical progress are reserved

Designed at: 18.11.08 Designed by: WKOVACS
Last Change at: Last Change by:

Approval at: 20.11.08 Approval by: KOLBRICH
Approval at: Approval by:

Version: 01