

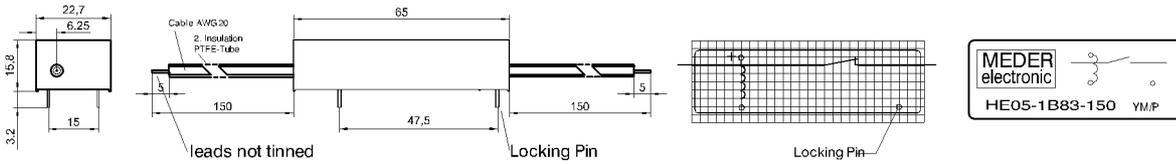
preliminary datasheet

DIMENSIONS (mm)

LAYOUT

MARKING

pitch 2.5 mm/Top view



PINS

Pins: Ø0.8 mm
 L = 3.2±0.3 mm
 Material: Cu-alloy tinned

CABLE

single wire AWG20
 2x insulation sleeve PTFE
 L = 150 mm

MARKING

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



Coil datas at 20 °C	Conditions	Min	Setpoint	Max	Unit
Coil resistance		95	105	115	Ohm
Coil voltage			5		VDC
Rated power			238		mW
Pull-In voltage				3,8	VDC
Drop-Out voltage		0,75			VDC

Contact data 83	Conditions	Min	Setpoint	Max	Unit
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			50	W
Switching voltage	DC or Peak AC			7.500	V
Switching current	DC or Peak AC			3	A
Carry current	DC or Peak AC			5	A
Contact resistance static	Measured with 40% overdrive Start Value			100	mOhm
Contact resistance dynamic	Maximum value 1,5 ms after excitation Start Value			250	mOhm
Insulation voltage	RH <45 %, 100 V test voltage	10			GOhm
Breakdown voltage	according to IEC 255-5	10.000			VDC
Operate time incl. bounce	measured with 40% overdrive			3,6	ms
Release time	measured with no coil excitation			0,5	ms

special product data	Conditions	Min	Setpoint	Max	Unit
Insulation resistance Coil/Contact	RH <45%, 100 V test voltage	1.000			GOhm
Insulation voltage Coil/Contact	according to IEC 255-5	10			kV DC
Housing material				Polycarbonat	
Sealing compound				Polyurethan	
Connection pins				Copper alloy tin plated	
number of contacts				1	

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		-35		105	°C
Soldering temperature	max. 5 sec			260	°C

General data	Conditions	Min	Setpoint	Max	Unit
Remarks 1.					High voltage Reed relay for pcb mounting

Modifications in the sense of technical progress are reserved

Designed at: 07.06.06 Designed by: WKOVACS
 Last Change at: 07.06.06 Last Change by: WKOVACS

Approval at: Approval by: RUDI RIPPL
 Approval at: Approval by:

Version: 01