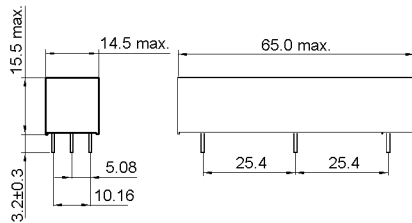


DIMENSIONS (mm)



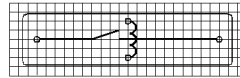
PINS

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



LAYOUT

pitch 2.54 mm/Top view



MARKING



MARKING

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

Coil Data at 20 °C	Conditions	Min	Typ	Max	Unit
Coil resistance		45	50	55	Ohm
Coil voltage			5		VDC
Rated power			500		mW
Pull-In voltage				4	VDC
Drop-Out voltage		0,75			VDC

Contact data 83	Conditions	Min	Typ	Max	Unit
Contact-form		A			
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			50	W
Switching voltage	DC or Peak AC			7,5	kV DC
Switching current	DC or Peak AC			3	A
Carry current	DC or Peak AC			5	A
Contact resistance static	measured with nominal voltage at 20 °C			150	mOhm
Insulation resistance	RH <45 %, 100 V test voltage	10			GOhm
Breakdown voltage	according to IEC 255-5	10			kV DC
Operate time incl. bounce	measured with nominal voltage at 20 °C			3,2	ms
Release time	measured with no coil excitation			1,5	ms
Capacitance			1		pF

Special Product Data	Conditions	Min	Typ	Max	Unit
Insulation resistance Coil/Contact	RH <45%, 200 VDC Messspannung	1.000			GOhm
Insulation voltage Coil/Contact	gemäß IEC 255-5	10			kV DC
Housing material		Polycarbonat			
Sealing compound		Polyurethan			
Connection pins		Copper alloy tin plated			
number of contacts		1			



Products for tomorrow...

Europe: +49 / 7731 8399 0 | Email: info@meder.com
USA: +1 / 508 295 0771 | Email: salesusa@meder.com
Asia: +852 / 2955 1682 | Email: salesasia@meder.com

Item No.:
8505183002
Item:
HE05-1A83-02

Environmental data	Conditions	Min	Typ	Max	Unit
Shock	1/2 Sinuswelle, Dauer 11ms			50	g
Vibration	von 10 - 2000 Hz			20	g
Ambient temperature		-20		70	°C
Storage temperature		-35		105	°C
Soldering temperature	Wellenlöten max. 5 sec.			260	°C

Modifications in the sense of technical progress are reserved

Designed at: 30.03.09 Designed by: WKOVACS
Last Change at: Last Change by:

Approval at: 01.04.09 Approval by: KOLBRICH
Approval at: Approval by:

Version: 01