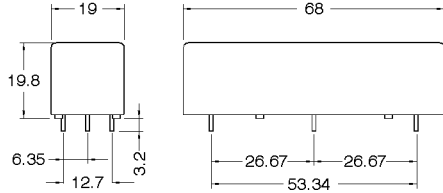


DIMENSIONS (mm)

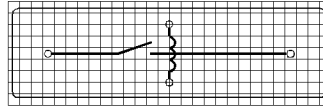


PINS

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		900	1.000	1.100	Ohm
Coil voltage			24		VDC
Rated power			576		mW
Thermal Resistance			24		K/W
Pull-In voltage				18	VDC
Drop-Out voltage		3,5			VDC

Contact data 83	Conditions	Min	Typ	Max	Unit
Contact-form		A - NO			
Contact-material		Tungsten			
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			150	mOhm
Insulation resistance	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	ms
Release time	measured with no coil excitation			1,5	ms
Capacitance	@ 10 kHz across open contact		0,8		pF

Special Product Data	Conditions	Min	Typ	Max	Unit
Insulation resistance Coil/Contact	RH <45%, 200 VDC 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			



Products for tomorrow...

Europe: +49 / 7731 8399 0

| Email: info@meder.com

Item No.:

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| Email: salesusa@meder.com

8424183004

Asia: +852 / 2955 1682

| Email: salesasia@meder.co

Item:

HM24-1A83-04

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

General data	Conditions	Min	Typ	Max	Unit
Remarks		high voltage relay for pcb mounting (04-PIN OUT)			

Modifications in the sense of technical progress are reserved

Designed at: 15.04.04 Designed by: EBUNKE

Approval at: 25.06.08 Approval by: KOLBRICH

Last Change at: 30.05.08 Last Change by: WKOVACS

Approval at: Approval by:

Version: 01