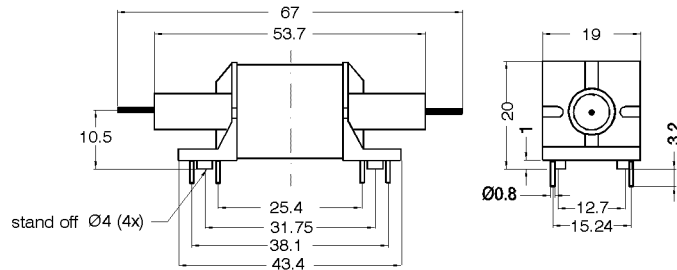
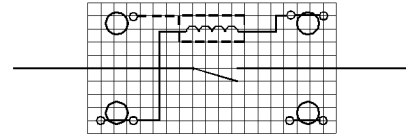


DIMENSIONS (mm)


Pins: $\varnothing 0.8$ mm
 L = 3.2 ± 0.3
 Material: Cu-alloy tinned


LAYOUT

pitch 2.54 mm/Top view


MARKING

MEDER-Label
 Type, PIN 1
 Production code,
 EN60062/Factory code

Coil Data at 20 °C	Conditions	Min	Typ	Max	Unit
Coil resistance		39,6	44	48,4	Ohm
Coil voltage			5		VDC
Rated power			568		mW
Pull-In voltage				3,8	VDC
Drop-Out voltage		1			VDC

Contact data 54	Conditions	Min	Typ	Max	Unit
Contact-form		A			
Contact-material		Rh/Cu			
Switching suitability		RF applications			
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			25	W
Switching voltage	DC or Peak AC			500	V
Carry current	Arms at 30 MHz			5	A
Contact resistance static	Measured with 40% overdrive Start Value			30	mOhm
Insulation resistance	RH <45 %, 100 V test voltage	10			GOhm
Breakdown voltage	according to IEC 255-5	5			kV DC
Operate time incl. bounce	measured with 40% overdrive		3,5		ms
Release time	measured with no coil excitation		1		ms
Capacity	@ 10 kHz across open switch			0,5	pF

Special Product Data	Conditions	Min	Typ	Max	Unit
Insulation resistance Coil/Contact	RH <45%, 200 VDC test voltage	10			GOhm
Insulation voltage Coil/Contact	according to IEC 255-5	10			kV DC
Insulation voltage Coil/Shield	according to IEC 255-5	0,5			kV DC
Insulation voltage Shield/Contact	according to IEC 255-5	10			kV DC
Capacitance coil to contact	Contact open		1,1		pF
Capacitance coil to contact	Contact closed		1,8		pF
Housing material		plastics PP/RF Shield Ms			
Connection pins		Copper alloy tin plated			
number of contacts		1			



Products for tomorrow...

Europe: +49 / 7731 8399 0

| Email: info@meder.com

Item No.:

USA: +1 / 508 295 0771

| Email: salesusa@meder.com

8605154010

Asia: +852 / 2955 1682

| Email: salesasia@meder.co

Item:

HF05-1A54-5

Environmental data	Conditions	Min	Typ	Max	Unit
Ambient temperature		-40		85	°C
Soldering temperature	max. 5 sec			260	°C
Cleaning		fully sealed			

General data	Conditions	Min	Typ	Max	Unit
Remarks		RF reed relay			

Modifications in the sense of technical progress are reserved

Designed at: 08.07.08 Designed by: WKOVACS

Approval at: 09.07.08 Approval by: KOLBRICH

Last Change at: Last Change by:

Approval at: Approval by:

Version: 01