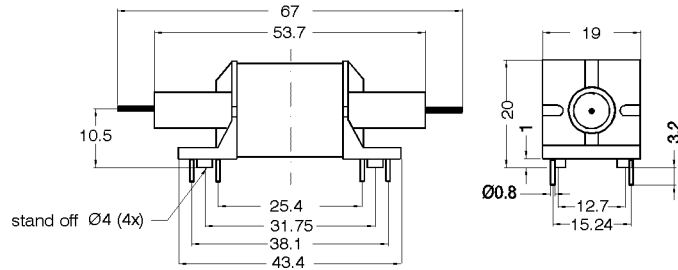


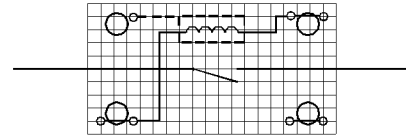
DIMENSIONS (mm)



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

LAYOUT

pitch 2.54 mm/Top view



MARKING

MEDER-Label
 Type
 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
Coil current			24		mA
Thermal resistance	max. Relay temperature = operating temperature + self heating		33		K/W
Inductance			485		mH
Pull-In voltage				18	VDC
Drop-Out voltage		3,5			VDC

Contact data 54	Conditions	Min	Typ	Max	Unit
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
Switching current	DC or Peak AC			1,5	A
Carry current	DC or Peak AC			5	A
Contact resistance static	Measured with 40% overdrive Start Value			30	mOhm
Insulation resistance	RH <45 %, 100 V test voltage	1			TOhm
Breakdown voltage	according to IEC 255-5	9			kV DC
Operate time incl. bounce	measured with 40% overdrive			3	ms
Release time	measured with no coil excitation			1,5	ms
Capacity	@ 10 kHz across open switch		0,25		pF

Special Product Data	Conditions	Min	Typ	Max	Unit
Number of contacts			1		
Contact - form			A - NO		
Dielectric Strength Coil/Contact	according to IEC 255-5	10			kV DC
Insulation resistance Coil/Contact	RH <45%, 200 VDC test voltage	1			TOhm
Dielectric Strength Coil/Shield	according to IEC 255-5	0,5			kV DC
Dielectric Strength Shield/Contact	according to IEC 255-5	10			kV DC
Capacitance coil to contact			1,6		pF
Case colour			nature		
Housing material			Plastic		
Connection pins			cu-alloy, tinned		
Magnetic Shield			yes		
Sealing compound			Polyurethan		
Reach / RoHS conformity			yes		

Modifications in the sense of technical progress are reserved

Designed at: 17.04.08 Designed by: WKOVACS Approval at: 26.01.11 Approval by: CRUF
 Last Change at: 11.09.09 Last Change by: KSCHIELENSKI Approval at: Approval by:



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Item No.:
8624154001
Item:
HF24-1A54-9

Special Product Data	Conditions	Min	Typ	Max	Unit
Remarks		Coil protection - Silicone Elastomer			

Environmental data	Conditions	Min	Typ	Max	Unit
Operating temperature		-40		70	°C
Storage temperature		-40		70	°C
Soldering temperature	wave soldering max. 5 sec.			260	°C
Shock	1/2 sine wave duration 11ms			50	g
Vibration	from 10 - 2000 Hz			20	g
Washability		fully sealed			

General data	Conditions	Min	Typ	Max	Unit
Total weight			24		g
Packaging		Styrofoam pallette ESD neutral 12pcs./each			

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Designed at: 17.04.08 Designed by: WKOVACS Approval at: 26.01.11 Approval by: CRUF
Last Change at: 11.09.09 Last Change by: KSCHIELENSKI Approval at: Approval by:

Version: 03