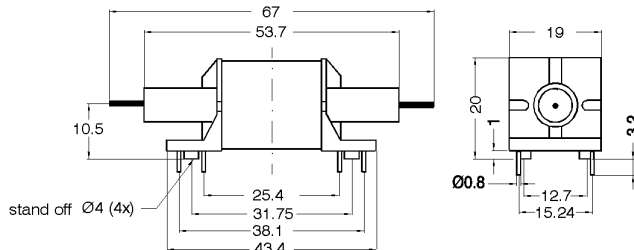


DIMENSIONS (mm)

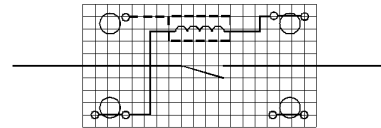


Pins: Ø0.8 mm
L = 3.2±0.3
Material: Cu-alloy tinned

unspecified tolerances acc. to DIN ISO 2768-m

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		225	250	275	Ohm
Coil voltage			12		VDC
Thermal Resistance			33		K/W
Rated power			575		mW
Pull-In voltage				9	VDC
Drop-Out voltage		2			VDC

Contact data 54	Conditions	Min	Typ	Max	Unit
Contact-form			A		
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	Arms at 30 MHz			1,5	A
Carry current	Arms at 30 MHz			5	A
Contact resistance static	Measured with nominal voltage at 20 °C			30	mOhm
Insulation resistance	RH <45 %, 100 V test voltage	10			GOhm
Breakdown voltage	according to IEC 255-5	8			kV DC
Operate time incl. bounce	Measured with nominal voltage at 20 °C			3,5	ms
Release time	measured with no coil excitation			1	ms
Capacity	@ 10 kHz			0,5	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
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		1,2		pF
Capacitance coil to contact	Contact closed		1,8		pF
Shock	1/2 sine wave duration 11ms			50	g
Vibration	from 10 - 2000 Hz			10	g
Ambient temperature		-40		85	°C
Storage temperature		-55		105	°C
Soldering temperature	max. 5 sec			260	°C
Cleaning				fully sealed	
Housing material				plastics PP/RF Shield Ms	
Connection pins				Copper alloy tin plated	
Remark				Coil protection - Silicone Elastomer	

Modifications in the sense of technical progress are reserved

Designed at: 23.05.08 Designed by: MPOTUZAK

Approval at: 26.05.08 Approval by: DSTASTNY

Last Change at: Last Change by:

Approval at: Approval by:

Version: 01