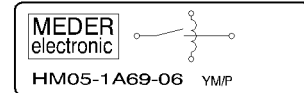
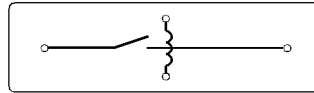
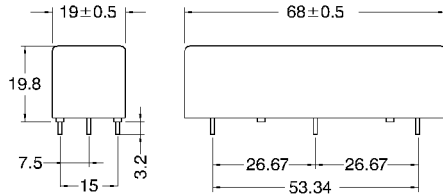


LAYOUT  
 Top view




**PINS**

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

**MARKING**

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

 Abmessungen / dimensions ( mm )  
 tolerances according to DIN ISO 2768 m

Coil Data at 20 °C	Conditions	Min	Typ	Max	Unit
Coil resistance		27	30	33	Ohm
Coil voltage			5		VDC
Rated power			833		mW
Pull-In voltage				3,8	VDC
Drop-Out voltage		0,5			VDC

Contact data 69	Conditions	Min	Typ	Max	Unit
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			50	W
Switching voltage	DC or Peak AC			10,000	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			TOhm
Breakdown voltage	according to IEC 255-5	15			kV DC
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 switch		0,8		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	15			kV DC
Insulation resistance Coil/Contact	RH <45%, 200 VDC test voltage	10			TOhm
Case colour				gray	
Housing material				Polycarbonat	
Sealing compound				Polyurethan	
Connection pins				Copper alloy tin plated	
Reach / RoHS conformity				yes	



*Products for tomorrow...*

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Item No.:  
**8405169006**  
Item:  
**HM05-1A69-06**

Environmental data	Conditions	Min	Typ	Max	Unit
Shock	1/2 sine wave duration 11ms			50	g
Vibration	from 10 - 2000 Hz			20	g
Operating temperature		-20		70	°C
Storage temperature		-35		105	°C
Soldering temperature	wave soldering max. 5 sec.			260	°C

General data	Conditions	Min	Typ	Max	Unit
Total weight			50		g
Packaging		Cardboard box 10pcs./each			

Modifications in the sense of technical progress are reserved

Designed at: 21.03.03    Designed by: EBUNKE  
Last Change at: 19.04.10    Last Change by: WKOVACS

Approval at: 30.03.11    Approval by: CRUF  
Approval at:                      Approval by:

Version: 10