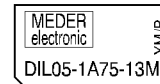
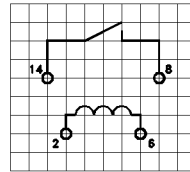
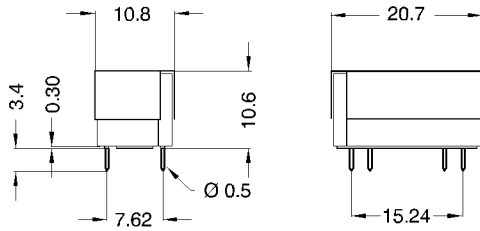


DIMENSIONS (mm)

LAYOUT (13M)
 pitch 2.54 mm/Top view

MARKING



Pins: Ø0.5 mm
 L = 3.4±0.3 mm
 Material: Cu-alloy tinned

MEDER-Label
 Type
 Production code,
 EN60062/Factory code



Coil Data at 20 °C	Conditions	Min	Typ	Max	Unit
Coil resistance		405	450	495	Ohm
Coil voltage			5		VDC
Rated power			55		mW
Pull-In voltage				3,5	VDC
Drop-Out voltage		0,75			VDC

Contact data 75	Conditions	Min	Typ	Max	Unit
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			10	W
Switching voltage (<31 AT)	DC or Peak AC			500	V
Switching current	DC or Peak AC			0,5	A
Carry current	DC or Peak AC			1	A
Contact resistance static	Measured with 40% overdrive Start Value			200	mOhm
Contact resistance dynamic	Maximum value 1,5 ms after excitation Start Value			200	mOhm
Insulation resistance	RH <45 %, 100 V test voltage	10			GOhm
Breakdown voltage (20-30 AT)	according to IEC 255-5	1.000			VDC
Operate time incl. bounce	measured with 40% overdrive			0,5	ms
Release time	measured with no coil excitation			0,1	ms
Capacity	@ 10 kHz across open switch		0,4		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	4,25			kV DC
Housing material		PBT glass fibre reinforced			
Sealing compound		Epoxy resin			

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		-25		85	°C
Soldering temperature	wave soldering max. 5 sec			260	°C
Cleaning		fully sealed			

General data	Conditions	Min	Typ	Max	Unit
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Modifications in the sense of technical progress are reserved

Designed at: 30.06.06 Designed by: WKOVACS
 Last Change at: 30.06.06 Last Change by: WKOVACS

Approval at: Approval by: RUDI RIPPL
 Approval at: 28.10.08 Approval by: KOLBRICH

Version: 01



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Item No.:
1305175213
Item:
DIL05-1A75-13M

General data	Conditions	Min	Typ	Max	Unit
Remarks			with metal shielding		

Modifications in the sense of technical progress are reserved

Designed at: 30.06.06 Designed by: WKOVACS
Last Change at: 30.06.06 Last Change by: WKOVACS

Approval at: Approval by: RUDI RIPPL
Approval at: 28.10.08 Approval by: KOLBRICH

Version: 01