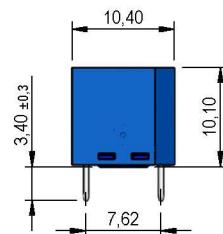
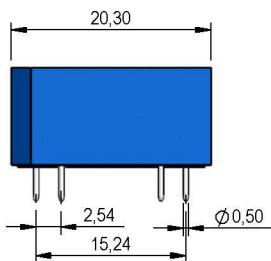


**Dimensions mm[inch]**  
 tolerances acc. to DIN ISO 2768-m  
 Toleranzen gem. DIN ISO 2768-m

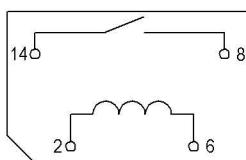


**Isometric**  
 Scale 1:1  
 Maßstab 1:1



**Layout**

Top view  
Draufsicht



**Marking**

according to EN60062/factory code  
gem. EN60062/Fertigungsstätte

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YMP

DIL05-1A66-13L

<b>Coil Data at 20 °C</b>	<b>Conditions</b>	<b>Min</b>	<b>Typ</b>	<b>Max</b>	<b>Unit</b>
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

<b>Contact data 66</b>	<b>Conditions</b>	<b>Min</b>	<b>Typ</b>	<b>Max</b>	<b>Unit</b>
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			10	W
Switching voltage (>20 AT)	DC or Peak AC			200	V
Switching current	DC or Peak AC			0,5	A
Carry current	DC or Peak AC			1,25	A
Contact resistance static	Measured with 40% overdrive Start Value			150	mOhm
Insulation resistance	RH <45 %, 100 VDC test voltage	10			GOhm
Breakdown voltage (>20 AT)	according to EN 60255-5	250			VDC
Operate time incl. bounce	measured with 40% overdrive			0,5	ms
Release time	measured with no coil excitation			0,1	ms
Capacitance	@ 10 kHz across open switch		0,2		pF

<b>Special Product Data</b>	<b>Conditions</b>	<b>Min</b>	<b>Typ</b>	<b>Max</b>	<b>Unit</b>
Number of contacts			1		
Contact - form			A - NO		
Dielectric Strength Coil/Contact	according to EN 60255-5	3			kV AC
Insulation resistance Coil/Contact	RH <45%, 200 VDC measuring voltage	10			GOhm
Case colour			blue		
Housing material			PBT glass fibre reinforced		
Sealing compound			Polyurethan		
Connection pins			Copper alloy tin plated		
Magnetic Shield			no		
Reach / RoHS conformity			yes		



Products for  
tomorrow...

Europe: +49 / 7731 8399 0 | Email: info@meder.com  
USA: +1 / 508 295 0771 | Email: salesusa@meder.com  
Asia: +852 / 2955 1682 | Email: salesasia@meder.com

Item No.:  
**1305100013**  
Item:  
**DIL05-1A66-13L**  
**DIL05-1A71-13L**

Environmental data	Conditions	Min	Typ	Max	Unit
Shock	1/2 sine, duration 11ms, in 3 axis			50	g
Vibration	from 10 - 2000 Hz			20	g
Operating temperature		-20		70	°C
Storage temperature		-35		95	°C
Soldering temperature	wave soldering max. 5 sec.			260	°C
Washability				fully sealed	

General data	Conditions	Min	Typ	Max	Unit
Packaging				plastic tube a 25 pcs.	

Modifications in the sense of technical progress are reserved

Designed at: 15.05.12 Designed by: WKOVACS Approval at: 16.05.12 Approval by: CRUF  
Last Change at: 08.11.12 Last Change by: WKOVACS Approval at: 09.11.12 Approval by: SSCHNECKENBURGER Version: 03