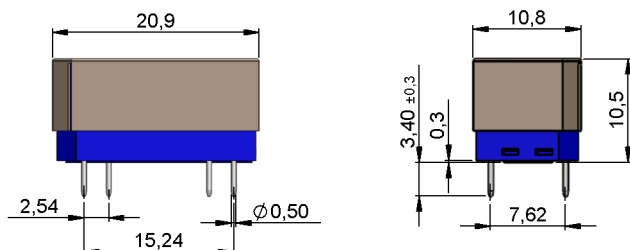


## Preliminary Datasheet

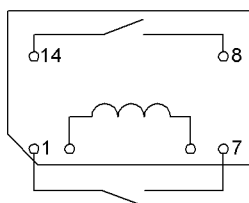
### Dimensions mm[inch]

tolerances acc. to DIN ISO 2768-m  
Toleranzen gem. DIN ISO 2768-m



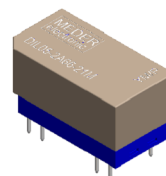
### Layout

Top view  
Draufsicht



### Isometric

Scale 1:2  
Maßstab 1:2



### Marking

according to EN60062/factory code  
gem. EN60062/Fertigungsstätte



Coil Data at 20 °C	Conditions	Min	Typ	Max	Unit
Coil resistance		180	200	220	Ohm
Coil voltage			5		VDC
Rated power			125		mW
Pull-In voltage				3,5	VDC
Drop-Out voltage		0,75			VDC

Contact data 66	Conditions	Min	Typ	Max	Unit
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	A
Contact resistance static	Measured with 40% overdrive Start Value			100	mOhm
Insulation resistance	RH <45 %, 100 VDC test voltage	1			TOhm
Breakdown voltage (<21 AT)	according to EN 60255-5	0,25			kV DC
Operate time incl. bounce	measured with 40% overdrive			0,7	ms
Release time	measured with no coil excitation			0,05	ms
Capacitance	@ 10 kHz across open switch		0,3		pF

Special Product Data	Conditions	Min	Typ	Max	Unit
Number of contacts			2		
Contact - form			A - NO		
Dielectric Strength Coil/Contact	according to EN 60255-5	1,5			kV DC
Insulation resistance Coil/Contact	RH <45 %, 200 VDC test voltage	1			TOhm
Case colour					
Housing material			PBT glass fibre reinforced		
Sealing compound			Polyurethan		
Connection pins			Copper alloy tin plated		
Reach / RoHS conformity			yes		
Remark			metal collector		

Environmental data	Conditions	Min	Typ	Max	Unit
Shock	1/2 sine wave duration 11ms			50	g



*Products for tomorrow...*

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Item No.:  
**1305271221**  
Item:  
**DIL05-2A66-21M**  
**DIL05-2A71-21M**

## Preliminary Datasheet

Environmental data	Conditions	Min	Typ	Max	Unit
Vibration	from 10 - 2000 Hz			20	g
Operating temperature		-20		70	°C
Storage temperature		-25		85	°C
Soldering temperature	wave soldering max. 5 sec.			260	°C
Washability		fully sealed			

Modifications in the sense of technical progress are reserved

Designed at: 13.10.08 Designed by: MPOTUZAK  
Last Change at: 08.10.12 Last Change by: NMIHAI

Approval at: 13.10.08 Approval by: DSTASTNY  
Approval at: Approval by:

Version: 07