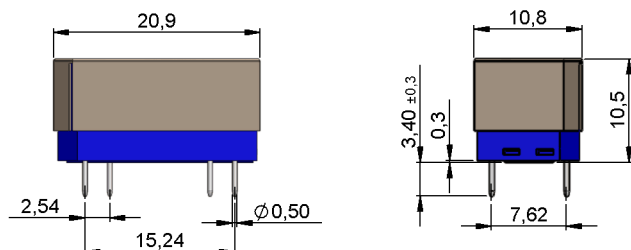


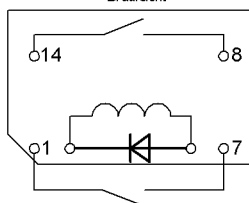
Preliminary Datasheet

Dimensions mm[inch]

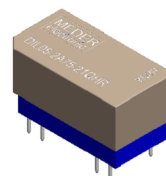
tolerances acc. to DIN ISO 2768-m
Toleranzen gem. DIN ISO 2768-m



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		450	500	550	Ohm
Coil voltage			5		VDC
Rated power			50		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
Insulation resistance	RH <45 %, 100 V test voltage	1			TOhm
Breakdown voltage (<20 AT)	according to EN 60255-5	600			kV DC
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
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			blue		
Housing material			Fe - magnetic screen		
Sealing compound			Polyurethan		
Connection pins			Copper alloy tin plated		
Magnetic Shield			nein		
Reach / RoHS conformity			yes		
Remark					



*Products for
Homomax...*

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Item No.:
1305275621
Item:
DIL05-2A75-21QHR

Preliminary Datasheet

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		95	°C
Soldering temperature	wave soldering max. 5 sec.			260	°C
Washability		fully sealed			

General data	Conditions	Min	Typ	Max	Unit
Packaging					

Modifications in the sense of technical progress are reserved

Designed at: 03.03.09 Designed by: MPOTUZAK
Last Change at: 08.10.12 Last Change by: NMIHAI

Approval at: 04.03.09 Approval by: DSTASTNY
Approval at: Approval by:

Version: 05