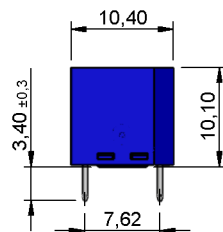
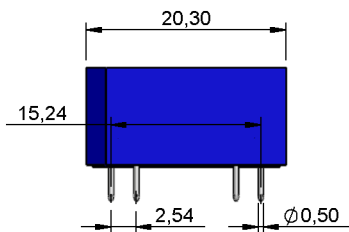


Preliminary Datasheet

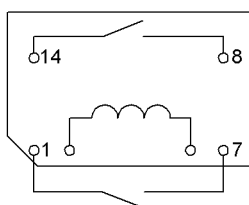
Dimensions mm[inch]

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



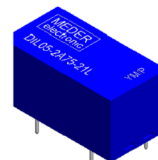
Layout

Top view
Draufsicht



Isometric

Scale 1:1
Maßstab 1:1



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				10	W
Pull-In voltage				3,5	VDC
Drop-Out voltage		0,75			VDC

Contact data 75	Conditions	Min	Typ	Max	Unit
Contact-No.		75			
Contact-form		A			
Contact-material		Ruthenium			
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 AT)	according to EN 60255-5	600			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 measuring voltage	10			GOhm
Dielectric Strength Coil/Contact	according to EN 60255-5	1,5			kV DC
Housing material		Crastin SK645FR			
Sealing compound		Polyurethan			
Connection pins		cu-alloy tinned			
Number of contacts		2			

Environmental data	Conditions	Min	Typ	Max	Unit
Shock	1/2 sine, duration 11ms, in 3 axis			50	g



*Products for
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Item No.:
1305275021
Item:
DIL05-2A75-21L

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: 15.12.11 Designed by: AAI
Last Change at: 08.10.12 Last Change by: NMIHAI

Approval at: 11.01.12 Approval by: DRUDOLF
Approval at: Approval by:

Version: 02