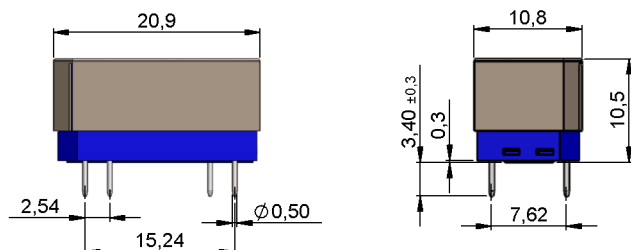
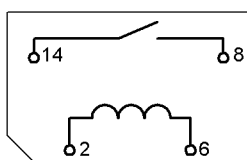


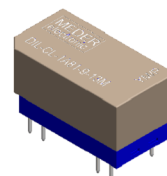
Dimensions mm[inch]

 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		8,1	9	9,9	Ohm
Coil current				357	mA
Inductance			3,2		mH
Pull-In current				15	mA
Drop-Out current		5			mA

Contact data 71/7	Conditions	Min	Typ	Max	Unit
Contact-form		A			
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			5	W
Switching voltage (<15 AT)	DC or Peak AC			110	V
Switching current	DC or Peak AC			250	mA
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 (<15 AT)	according to EN 60255-5	180			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		0,2		pF

Special Product Data	Conditions	Min	Typ	Max	Unit
Number of contacts		1			
Contact - form		A - NO			
Dielectric Strength Coil/Contact	according to EN 60255-5	4,25			kV DC
Insulation resistance Coil/Contact	RH <45%, 200 VDC measuring voltage	10			GOhm
Case color		blue			
Housing material		PBT glass fibre reinforced			
Sealing compound		Polyurethan			
Connection pins		cu-alloy tinned			
Magnetic Shield		yes			
Reach / RoHS conformity		yes			



Products for tomorrow...

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Item No.:

1318109013

Item:

DIL-CL-1A81-9-13M

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
Total weight			5,2		g
Packaging		plastic tube a 24 pcs.			

Modifications in the sense of technical progress are reserved

Designed at: 27.01.11 Designed by: CRUF

Approval at: 09.03.11 Approval by: DRUDOLF

Last Change at: 22.10.12 Last Change by: NMIHAI

Approval at: 26.11.12 Approval by: SSCHNECKENBURGER Version: 06