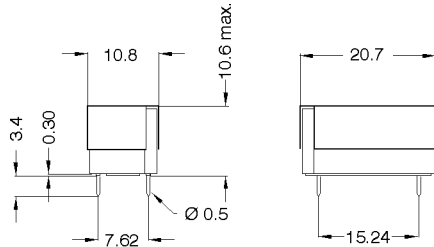


DIMENSIONS (mm)



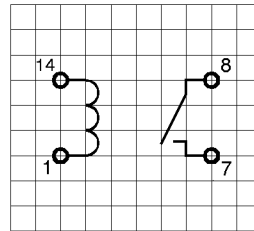
Pins: Ø0.5 mm
L = 3.4±0.3 mm
Material: Cu-alloy tinned



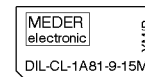
tolerances according to DIN ISO 2768 m

LAYOUT (15M)

pitch 2.54 mm/Top view



MARKING



MEDER-Label
Type
Production code,
EN60062/Factory code

Coil Data at 20 °C	Conditions	Min	Typ	Max	Unit
Coil resistance		8,1	9	9,9	Ohm
Coil current			20		mA
Inductance			3,2		mH
Pull-In current				15	mA
Drop-Out current		5			mA

Contact data 81	Conditions	Min	Typ	Max	Unit
Contact-form		A			
Contact-material		Ruthenium			
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			5	W
Switching voltage	DC or Peak AC			90	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			GOhm
Breakdown voltage	according to IEC 255-5	100			VDC
Operate time incl. bounce	measured with 40% overdrive			0,5	ms
Release	measured with no coil excitation			0,1	ms
Capacity	@ 10 kHz		0,2		pF

Special Product Data	Conditions	Min	Typ	Max	Unit
Insulation resistance Coil/Contact	RH <45%, 200 VDC test voltage	10			GOhm
Insulation voltage Coil/Contact	according to IEC 255-5	4,25			kV DC
Housing material		Metal			
Sealing compound		Polyurethan			
Connection pins		Copper alloy tin plated			

Environmental data	Conditions	Min	Typ	Max	Unit
Shock	1/2 sine wave duration 11ms			50	g
Vibration	from 10 - 2000 Hz			20	g
Ambient temperature		-20		70	°C
Storage temperature		-25		85	°C
Soldering temperature	max. 5 sec			260	°C
Cleaning		fully sealed			