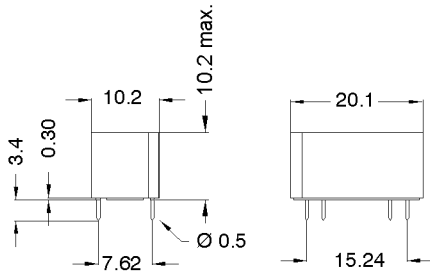


DIMENSIONS (mm)



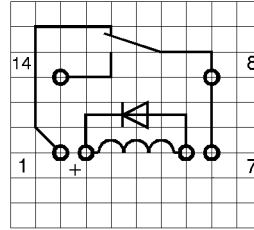
Pins: Ø0.5 mm
L = 3.4±0.3 mm
Material: Cu-alloy tinned



tolerances according to DIN ISO 2768 m

LAYOUT (51D)

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		2.700	3.000	3.300	Ohm
Coil voltage			24		VDC
Rated power			192		mW
Pull-In voltage				16,8	VDC
Drop-Out voltage		3,6			VDC

Contact data 90	Conditions	Min	Typ	Max	Unit
Contact-form		C			
Contact-material		Rhodium			
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			3	W
Switching voltage	DC or Peak AC			175	V
Switching current	DC or Peak AC			0,25	A
Carry current	DC or Peak AC			1	A
Contact resistance static	Measured with 40% overdrive Start Value			150	mOhm
Insulation resistance	RH <45 %, 100 V test voltage	1			GOhm
Breakdown voltage	according to IEC 255-5	200			VDC
Operate time, incl. bounce	measured with 40% overdrive			0,7	ms
Release time	measured with no coil excitation			1,5	ms
Capacity	@ 10 kHz		1		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	1,5			kV DC
Housing material		PBT glass fibre reinforced			
Sealing compound		Polyurethan			
Connection pins		Copper alloy tin plated			
number of contacts		1			

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			