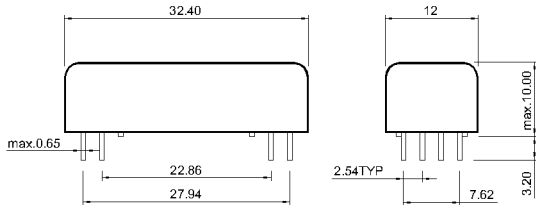


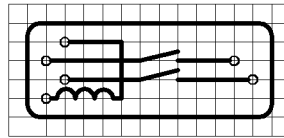
**DIMENSIONS (mm)**

Unspecified Tolerances ± 0.25mm



**LAYOUT**

Pitch 2.54mm [0.100"] / Top View



**MARKING**



Coil Data at 20 °C	Conditions	Min	Typ	Max	Unit
Coil resistance		90	100	110	Ohm
Coil voltage			5		VDC
Rated power			250		mW
Pull-In voltage				3.5	VDC
Drop-Out voltage		0.75			VDC

Contact Data 85	Conditions	Min	Typ	Max	Unit
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			100	W
Switching voltage	DC or Peak AC			1,000	V
Switching current	DC or Peak AC			1	A
Carry current	DC or Peak AC			2.5	A
Contact resistance static	Measured with 40% overdrive Start Value			150	mOhm
Insulation resistance	RH <45 %, 100 V test voltage	1,000			GOhm
Breakdown voltage	according to IEC 255-5	2			kV DC
Operate time incl. bounce	measured with 40% overdrive			1.1	ms
Release time	measured with no coil excitation			0.1	ms
Capacity	@ 10 kHz		0.5		pF

Special Product Data	Conditions	Min	Typ	Max	Unit
Insulation resistance Coil/Contact	RH <45%, 100 V test voltage	1,000			GOhm
Insulation voltage Coil/Contact	according to IEC 255-5	2			kV DC
Housing material		Metal / Fe / magn. screening			
Sealing compound		Epoxy Resin			
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		-40		105	°C
Soldering temperature	max. 5 sec			260	°C
Cleaning		fully sealed			