



TRG1

SPECIFICATION

FILE NUMBER: P-08KB101A

DATE: 2001/11/02



■ Features

10A switching capability
SPST-NO & SPDP configuration
Standard PC layout
Sealed type available

■ CONTACT DATA

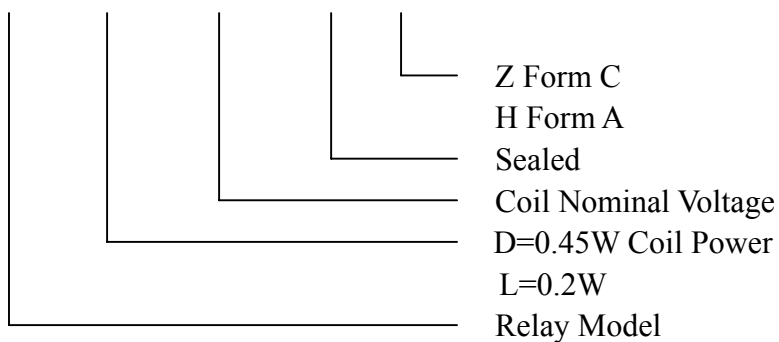
Contact Form	1A/1C	
Contact Material	AgCdO	AgSnO
Contact Ratings	1A:10A/120VAC 5A/240VAC/30VDC 1A-L,1C:3A 240VAC/30VDC	
Max Switching Voltage	250VAC/30VDC	
Max Switching Current	10A	
Max Switching Power	1200VA/150W	
Contact Resistance	100M Ω max	at 6VDC 1A
Life Expectancy Electrical	100,000	Operations(at30Operations/minute)
Mechanical	10,000,000	Operations

■ GENERAL DATA

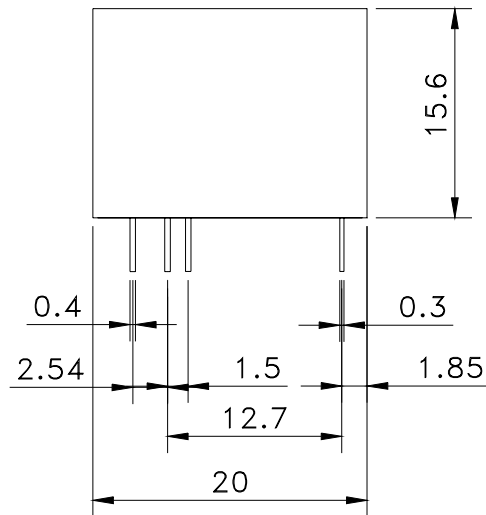
Insulation Resistance		100M Ω Min at 500VDC
Dielectric Strength Between Open Contacts		750VAC(for one minute)
Between Contacts and coil		2500VAC(for one minute)
Operate Time		8ms
Release Time		5ms
Temperature Range		-40°C to+70°C
Shock Resistance	Operating Extremes	10G
	Damage Limits	100G
Vibration Resistance		10-55Hz,1.5mm
Humidity		40-85%
Weight		Approx 6g
Safety Standard		UL: E173485, CH0062183-2001

**■ COIL DATA**

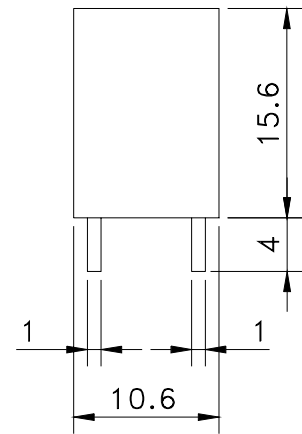
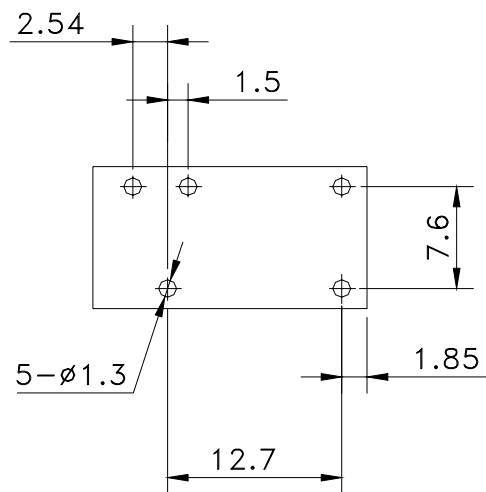
Nominal Voltage (VDC)	Coil Resistance at 20±10%(Ω)			Max Operate Voltage VDC	Min Release Voltage VDC	Max Applicable Voltage VDC
		0.2W	0.45W			
3		45	20	2.25	0.3	3.9
5		125	56	3.75	0.5	6.5
6		180	80	4.5	0.6	7.8
9		405	180	6.75	0.9	11.7
12		720	320	9	1.2	15.6
24		2880	1280	18	2.4	31.2
48			5100±15%	36	4.8	62.4

■ ORDERING CODETRG1 D--12VDC--S--Z

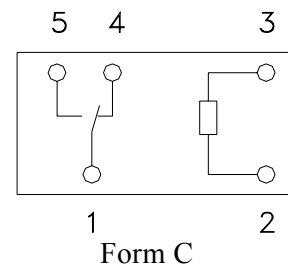
OVERALL AND MOUNTING DIMENSIONS



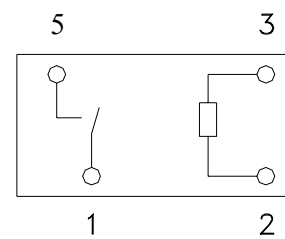
Dimensions



Terminal Arrangement/
Internal Connections
(Bottom view)



Form C



Form A