


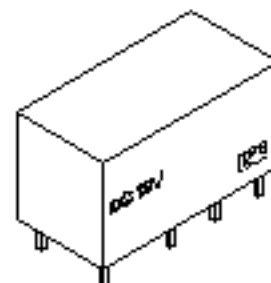


T3

PIC RELAY

FEATURES

- Subminiature & Latching Dip Relay
- 2 Form C Contact
- High Switching capacity 60W 125VA
- High Sensitivity - 150mw (single side stable) & 75mw (latching)
- Sealed type construction
-    Pending



RELAY

SPECIFICATIONS

COIL RATING (See Figure 1)

CHARACTERISTICS

Contact Arrangement	DPDT (2 FORM C)			
Contact Material	Silver Alloy, Gold Clad			
Contact Resistance	50mΩ Max.			
Contact Rating (Resistive Load)	2A 30VDC 1A 125VAC			
Switching Voltage	DC 220V AC 250V Max.			
Switching Power	60W 125VA Max.			
Switching Current	2A Max.			
Carrying Current	5A Max.			
Coil Nominal Power	Standard	Single Side Stable	Latching 2 Coils	Latching 1 Coil
	Sensitive	200mw	200mw	100mw
		150mw	150mw	75mw
Operate Time	4ms Max.			
Release Time	3ms Max.			
Bounce Time	1.5ms			
Set Time (Latching)	3ms			
Reset Time (Latching)	3ms			
Insulation Resistance	1000MΩ (500VDC)			
Dielectric Strength	1000Vrms/1 minute between contacts 1500Vrms/1 minute between contact and coil			
Shock Resistance	490m/s ² (50g) Functional 980m/s ² (100g) Destructive			
Vibration	20g 10-55Hz			
Ambient Temperature	-40°C to +85°C			
Humidity	5% - 85% R.H.			
Operation Life	Mechanical : 10 ⁸			
	Electrical : 10 ⁵ (2A 30VDC) or 5x10 ⁵ (1A 30VDC)			
Weight	8g Approx.			

[Specifications are subject to change without notice.]

FIGURE 1

T3-S

SINGLE SIDE STABLE (Standard 200mW)

COIL VOLTAGE (V DC)	PICK-UP VOLTAGE (V DC) (MAX.)	DROP-OUT VOLTAGE (V DC) (MIN.)	COIL RESISTANCE (Ω) +/- 10%	MAX. ALLOW VOLTAGE (V DC)
5	3.5	0.5	125	10
6	4.2	0.6	180	12
9	6.3	0.9	405	18
12	8.4	1.2	720	24
15	10.5	1.5	1125	30
24	16.8	2.4	2880	48
48	36.0	4.8	11520	96

T3H-S

SINGLE SIDE STABLE (Sensitive 150mW)

COIL VOLTAGE (V DC)	PICK-UP VOLTAGE (V DC) (MAX.)	DROP-OUT VOLTAGE (V DC) (MIN.)	COIL RESISTANCE (Ω) +/- 10%	MAX. ALLOW VOLTAGE (V DC)
5	4	0.5	167	11.5
6	4.8	0.6	240	13.8
9	7.2	0.9	540	20.8
12	9.6	1.2	960	27.7
15	12.0	1.5	1500	34.6
24	19.2	2.4	3840	55.4

T3-SL2

LATCHING 2 COILS (Standard 200mW)

COIL VOLTAGE (V DC)	Set, Reset Voltage V DC (MAX.)	COIL RESISTANCE (Ω) +/- 10%	MAX. ALLOW VOLTAGE (V DC)
5	3.75	125	10
6	4.5	180	12
9	6.75	405	18
12	9.0	720	24
15	11.25	1125	30
24	18.0	2040	48

T3H-SL2

LATCHING 2 COILS (Sensitive 150mW)

COIL VOLTAGE (V DC)	Set, Reset Voltage V DC (MAX.)	COIL RESISTANCE (Ω) +/- 10%	MAX. ALLOW VOLTAGE (V DC)
5	4.0	167	11.5
6	4.8	240	13.8
9	7.2	540	20.8
12	9.6	960	27.7
15	12.0	1500	34.6
24	19.2	3840	55.4

T3-SL1

LATCHING 1 COIL (Standard 100mW)

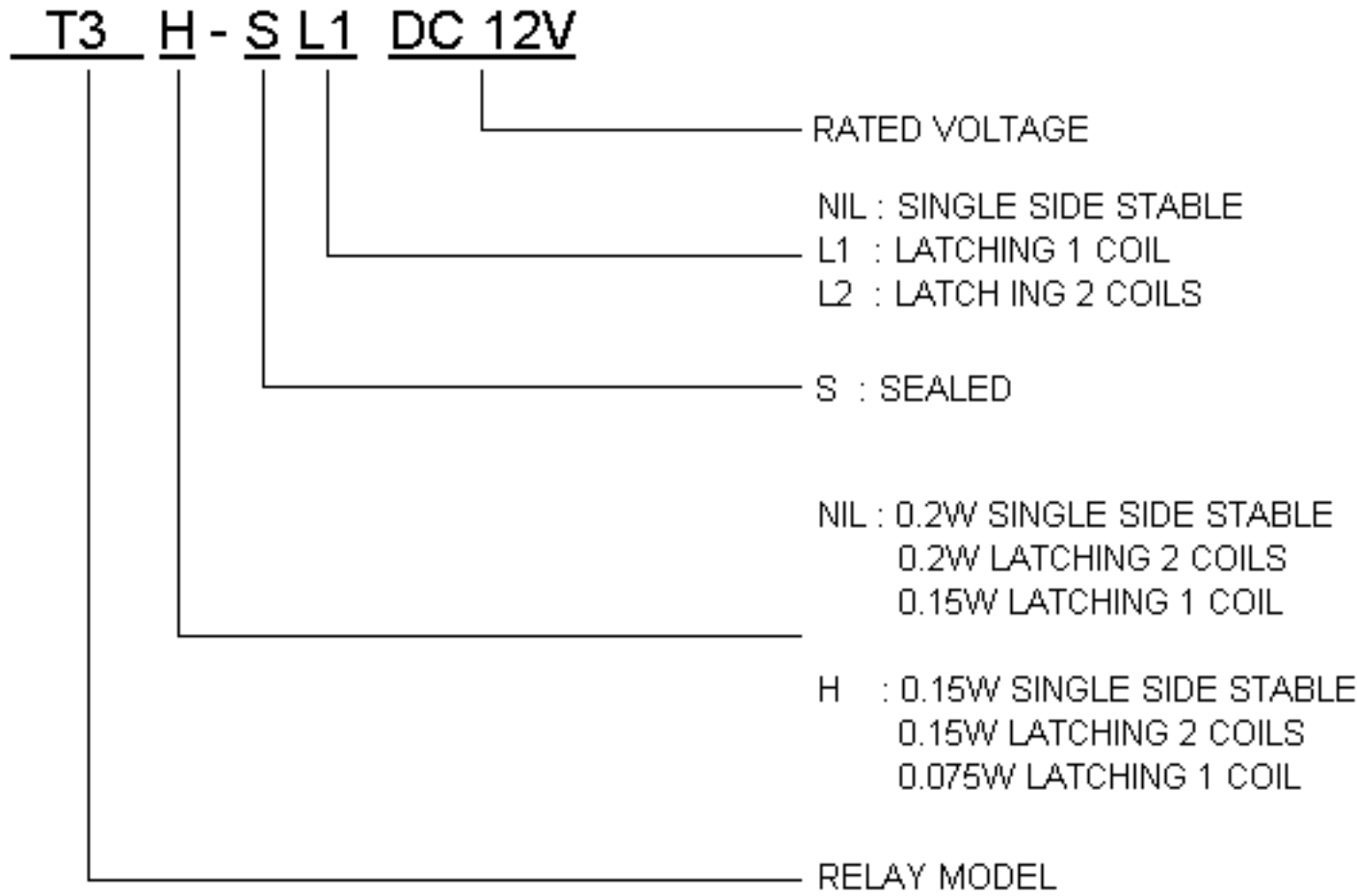
COIL VOLTAGE (V DC)	Set, Reset Voltage V DC (MAX.)	COIL RESISTANCE (Ω) +/- 10%	MAX. ALLOW VOLTAGE (V DC)
5	3.75	250	14
6	4.5	360	17
9	6.75	810	25
12	9.0	1440	34
15	11.25	2220	42
24	18.0	4000	56

T3H-SL1

LATCHING 1 COIL (Sensitive 75mW)

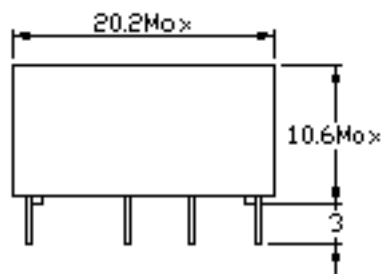
COIL VOLTAGE (V DC)	Set, Reset Voltage V DC (MAX.)	COIL RESISTANCE (Ω) +/- 10%	MAX. ALLOW VOLTAGE (V DC)
5	4.0	330	16
6	4.8	480	19
9	7.2	1080	29
12	9.6	1920	39
15	12.0	3000	43
24	19.2	7680	78

ORDERING INFORMATION

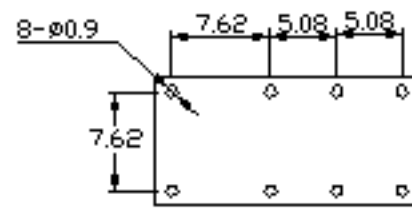


DIMENSIONS (UNIT : MM)

SINGLE SIDE STABLE OR LATCHING (1 COIL)

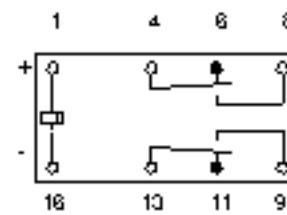


MOUNTING HOLES



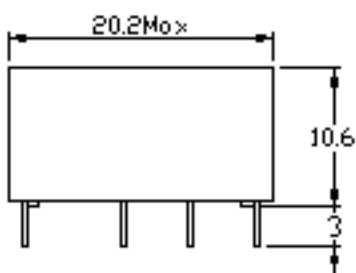
Matching 16 Pin IC Socket

TERMINAL ARRANGEMENT (BOTTOM VIEW)

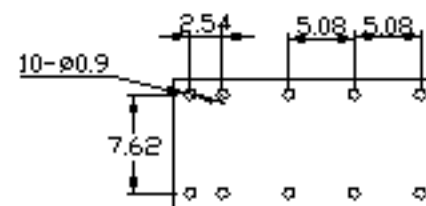


For latching, diagram shows the "Reset" Position
 Energize terminals 1 and 16 to "Set"
 Reverse energize terminals 1 and 16 to "Reset"

Latching (2 Coils)



MOUNTING HOLES



Matching 16 Pin IC Socket

TERMINAL ARRANGEMENT (BOTTOM VIEW)

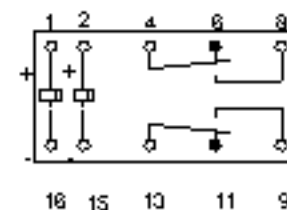


Diagram shows the "reset" position
 Energize terminals 1 and 16 to "set"
 Energize terminals 2 and 15 to "reset"