



Relay 2PDT, 10 Amps

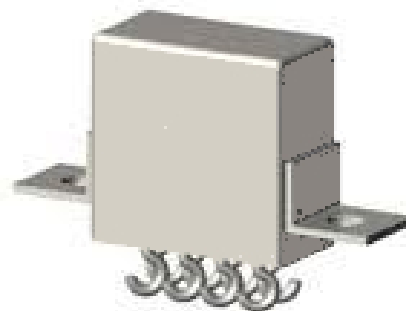
SERIES 2TM
Rev.1

1 – FEATURES

- Hermetically sealed
- 2PDT Contacts
- Up to 10A switching
- According to M83536/9 environmental

2 – PRODUCT DESCRIPTION

The 2TM series is a hermetic relay with 2 poles double throw, contacts up to 10A.



3 – ENVIRONMENTAL SPECIFICATIONS

	MIN	NOM	MAX	Notes
Temperature (°C)	-65		+125	Operating
Shock (g) (Mechanical)		100		6±1 ms
Vibration (g)		30		10 to 3000 Hz - Sinusoidal
Acceleration (g)		50		
Sealing (in Hg)		1.3		Hermetic
Weight (oz)		1.6		Typical [45 grams]

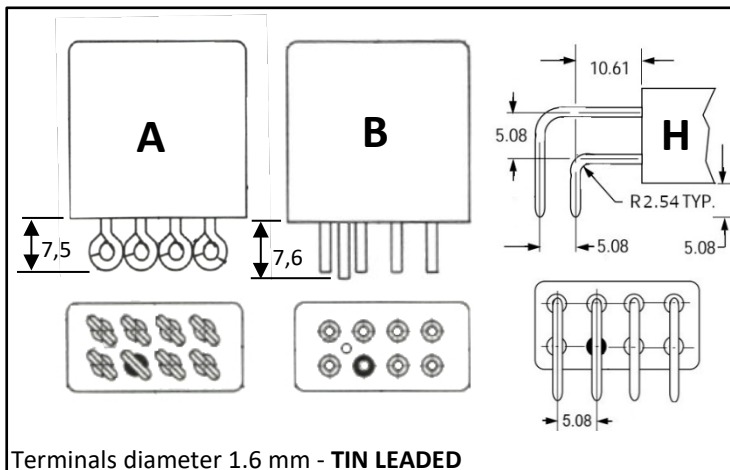
4 – ELECTRICAL SPECIFICATIONS

	MIN	NOM	MAX	Notes
Coil				See Coil Table
Contact Rating (A)		10		Resistive load @28Vdc or 115Vac 400Hz
		8		Inductive load @28Vdc or 115Vac 400Hz
		4		Motor load @28Vdc or 115Vac 400Hz
		2		Lamp load @28Vdc or 115Vac 400Hz
Contact Resistance (mΩ)		50		Typical
Operate Time (ms)			10.0	@25°C
Release Time (ms)			10.0	@25°C
Bounce time (ms)			1.0	@25°C
Dielectric Strength (Vrms)			1000	60 Hz all points @ sea level
Insulation Resistance (MΩ)	1000			@ 500 Vdc – All terminals to case
Life (Operation)	100000			@ Resistive load

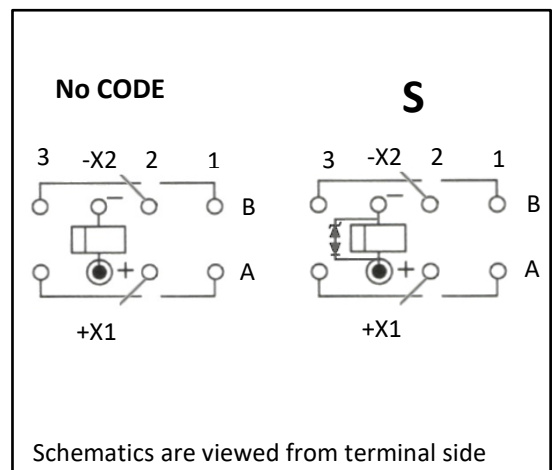
5 – COIL TABLE

COIL CODE	COIL VOLTAGE (Vdc)		COIL RESISTANCE (Ω) $\pm 10\%$ @ 25°C	PICK-UP (Vdc) max @ 25°C	DROP-OUT (Vdc) min @ 25°C
	Nom	Max			
1	6	6.6	20	3.2	0.4÷1.6
2	12	13.2	80	6.5	0.8÷3.2
4	28	30.8	320	15.5	2.4÷7.5

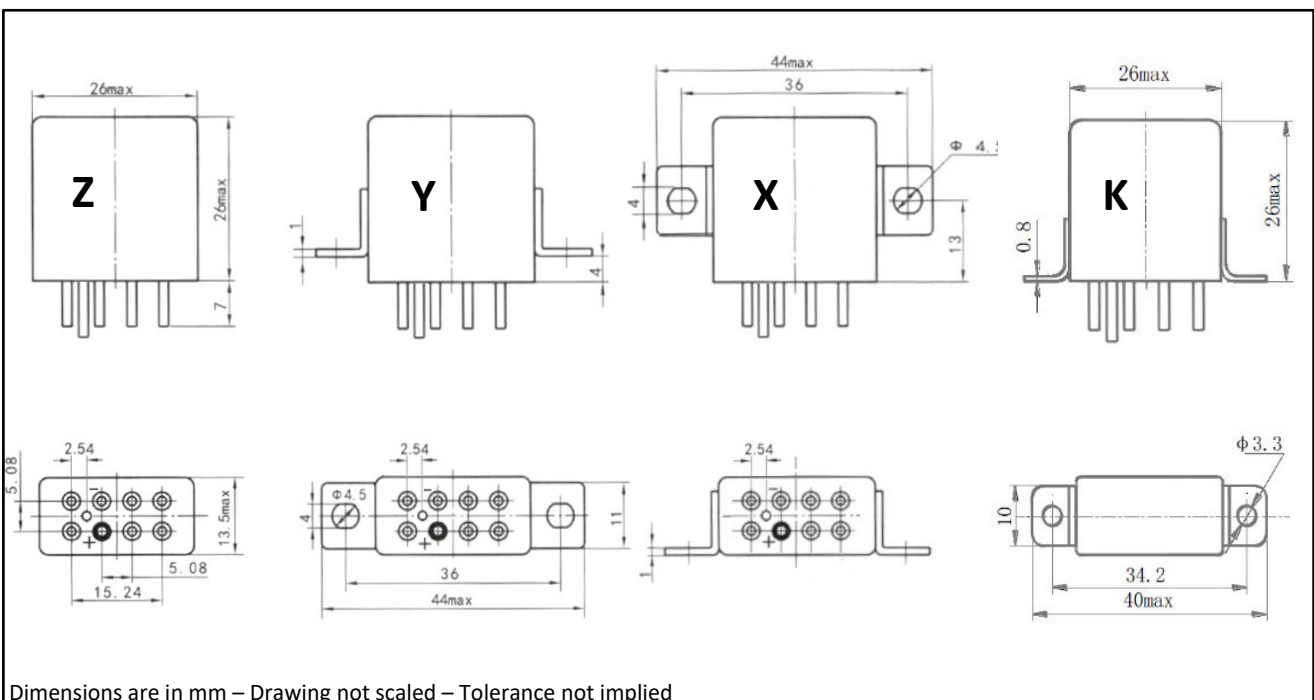
6 – HEADER STYLES



7 – WIRING DIAGRAMS



8 – MOUNTING STYLES



HOW TO ORDER

2TM – B Y 4 – S [Wiring] – G

Series Header Style Coil Code Mounting Style

Add suffix "G" for Gold Plated Pins with Silicon Gasket (thickness 1.3mm)