



RELAY 2PDT – 5A

SERIES 2BNM

Rev.0

1 – FEATURES

- Hermetically sealed
- 2PDT Contacts
- Up to 5A switching
- According to M83536/1 and 2 environmental

2 – PRODUCT DESCRIPTION



The 2BNM series is a hermetic relay with 2 poles double throw, contacts up to 5A.

3 – ENVIRONMENTAL SPECIFICATIONS

	MIN	NOM	MAX	Notes
Temperature (°C)	-65		+125	Operating
Shock (g) (Mechanical)		75		6±1 ms
Vibration (g)		20		10 to 2000 Hz - Sinusoidal
Sealing (in Hg)		1.3		Hermetic
Weight (oz)		0.56		Typical [16 grams]

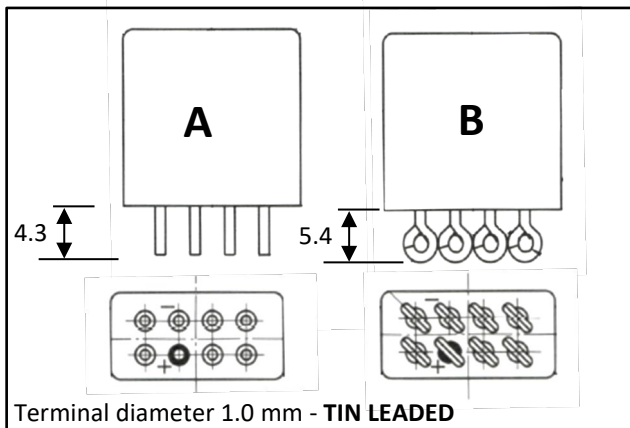
4 – ELECTRICAL SPECIFICATIONS

	MIN	NOM	MAX	Notes
Coil				See Coil Table
Contact Rating (A)		5		Resistive load @28Vdc or 115Vac 400Hz
		3		Inductive load @28Vdc or 115Vac 400Hz
		2		Motor load @28Vdc or 115Vac 400Hz
		1		Lamp load @28Vdc or 115Vac 400Hz
Contact Resistance (mΩ)		50		Typical
Operate Time (ms)			4	@25°C
Release Time (ms)			4	@25°C
Dielectric Strength (Vrms)			750	60 Hz all points @ sea level
Insulation Resistance (MΩ)	500			@ 500 Vdc – All terminals to case
Life (Operation)	100000			@ Resistive load

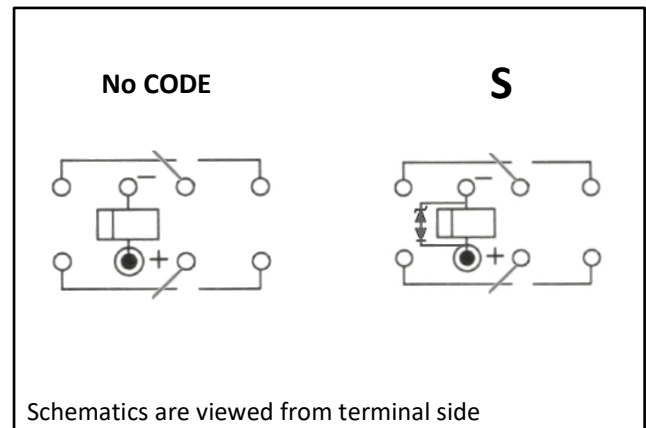
5 – COIL TABLE

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	7.3	20	4.0	0.4
2	12	14.5	80	8.0	0.8
3	28	29.0	500	18.0	1.5

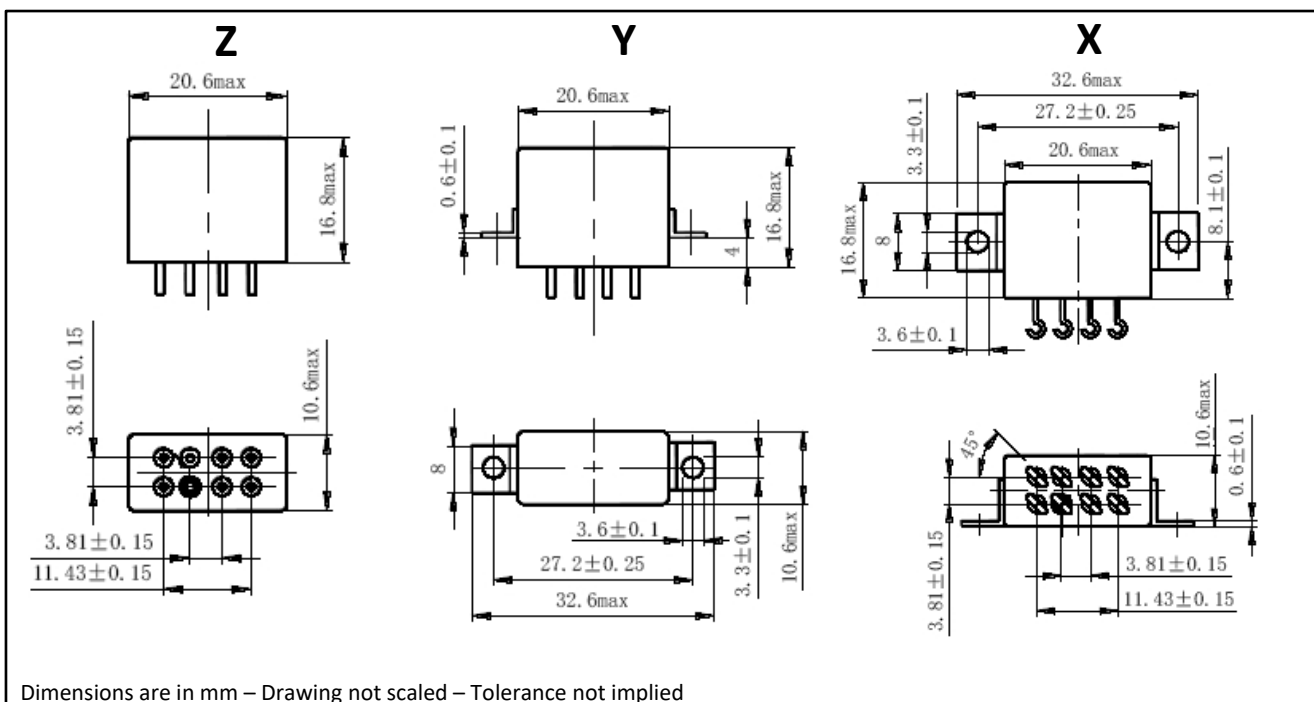
6 – HEADER STYLES



7 – WIRING DIAGRAMS



8 – MOUNTING STYLES



HOW TO ORDER

2BNM – B Y 3 – S [Wiring] - G

Series Header Style Coil Code Mounting Style

Add suffix "G" for
Gold Plated Pins
with Silicon Gasket