

# PLT SERIES RELAYS

PCB Mount T Type Relays (NO)



## TECHNICAL SPECIFICATIONS

TYPE		PLT
TERMINAL TYPE		PCB
CONTACT CONFIGURATION		1 NO
RATED CARRYING CURRENT (RESISTIVE) AT 24 VDC / 250 VAC		30A
CONTACT MATERIAL		Silver alloy
INITIAL CONTACT RESISTANCE (MAX)		0.050 $\Omega$
COIL NOMINAL VOLTAGES	DC	12 - 24 V
	AC	-
OPERATING POWER FOR DC COIL		0.9 W
DIELECTRIC STRENGTH BETWEEN	OPEN CONTACT	1500 VAC
	COIL TO CONTACT	2500 VAC
INSULATION RESISTANCE AT 500 VDC AT 27°C & 65% RH		1000 M $\Omega$
OPERATE TIME (MAX)		10 ms
RELEASE TIME (MAX)		8 ms
AMBIENT TEMPERATURE		-40°C To + 85°C
ELECTRICAL LIFE (NO OF OPERATIONS)		10 <sup>5</sup>
MECHANICAL LIFE (NO OF OPERATIONS)		10 <sup>6</sup>
ALL DIMENSIONS ARE IN mm (W x L x H)		27.5 x 32 x 20(+5)
MAX WEIGHT IN GRAMS		25 gms (approx)



## SALIENT FEATURES

- Miniature
- PCB Mountable
- High Reliability

## APPLICATIONS

- |                            |                       |               |
|----------------------------|-----------------------|---------------|
| • Air Condition Equipments | • Domestic Appliances | • Automobile  |
| • Battery Chargers         | • Inverters           | • Controllers |
| • Stabilizers              | • Heaters             |               |

### NOTE:-

- 1) All Specification / Dimensions subject to Tolerance.
- 2) Any Techno commercial changes is / are prerogative of manufacturer / management of the company which can be done without any notice.

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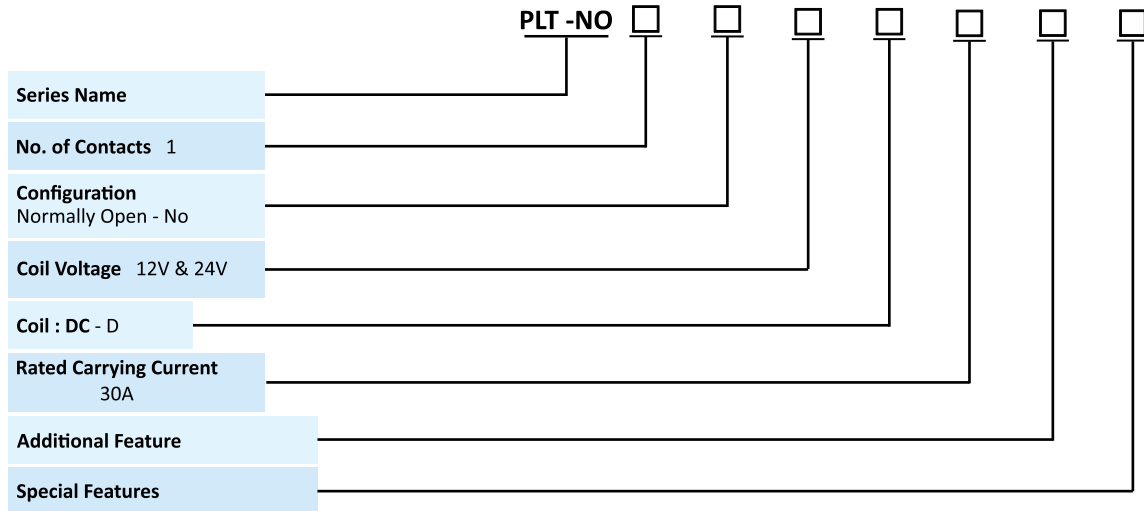


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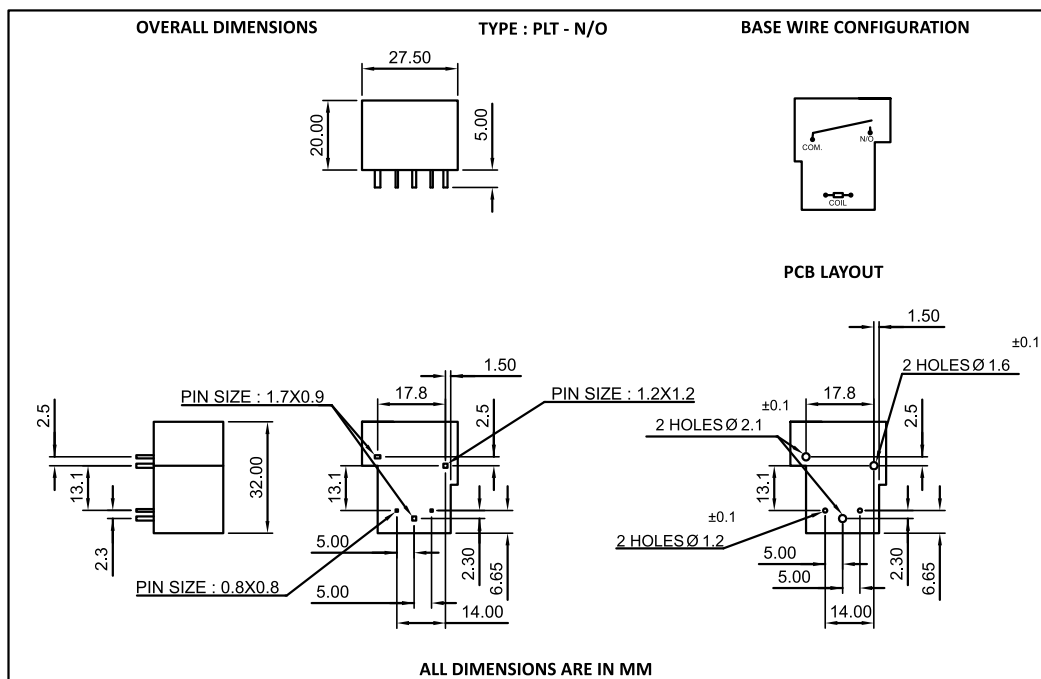
## COIL – DATA (ALL VALUES AT 27°C ± 2°AMBIENT, COLD START)

NOMINAL VOLTAGE (V)	RESISTANCE IN OHM'S ± 10% Ω	MUST OPERATE VOLTAGE (V)	MUST RELEASE VOLTAGE (V)	OPERATING POWER FOR COIL DC COIL (W)
12 V	160	9	1.2	0.9
24 V	640	18	2.4	0.9

## ORDERING CODE FOR RELAY



## DIMENSIONS



**NOTE :-** 1) In case no tolerance shown in outline dimensions : Outline dimension 1mm, tolerance should be ±0.2mm  
Outline dimension 1mm and 5mm, tolerance should be ±0.3mm Outline dimension 5mm tolerance should be ±0.4mm  
2) The tolerance without indicating for PCB layout is always ±0.2mm



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