

# PLT SERIES RELAYS

PCB Mount T Type Relays (CO)



## TECHNICAL SPECIFICATIONS

TYPE		PLT	
TERMINAL TYPE		PCB	
CONTACT CONFIGURATION		1 C	
RATED CARRYING CURRENT (RESISTIVE) AT 24 VDC / 250 VAC		30A	N/O : 30A N/C : 20A
CONTACT MATERIAL		Silver alloy	
INITIAL CONTACT RESISTANCE (MAX)		0.050 Ω	
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 MΩ	
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

- PCB Mountable
- High Reliability
- Miniature

## APPLICATIONS

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

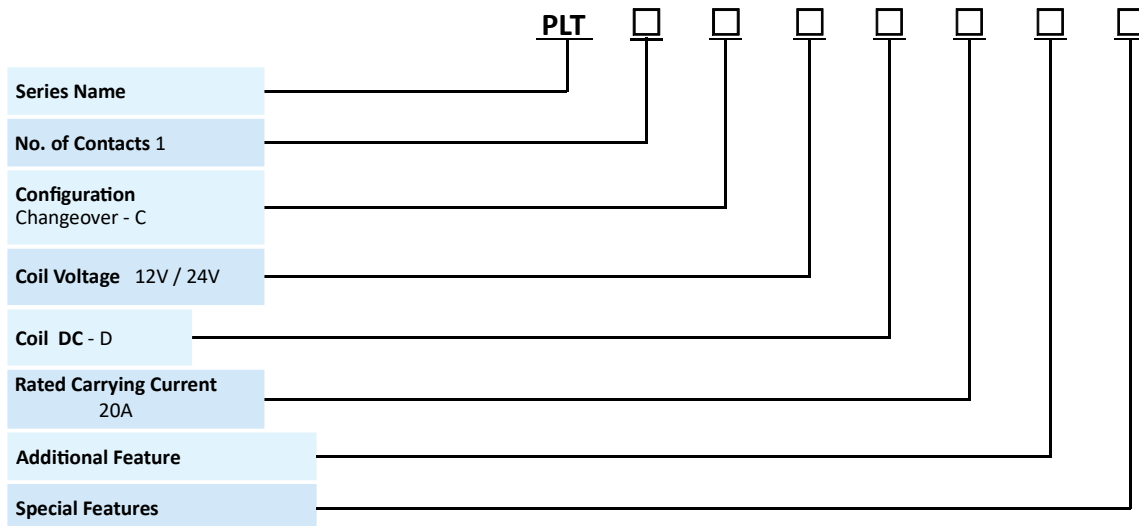
### NOTE:-

- 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.

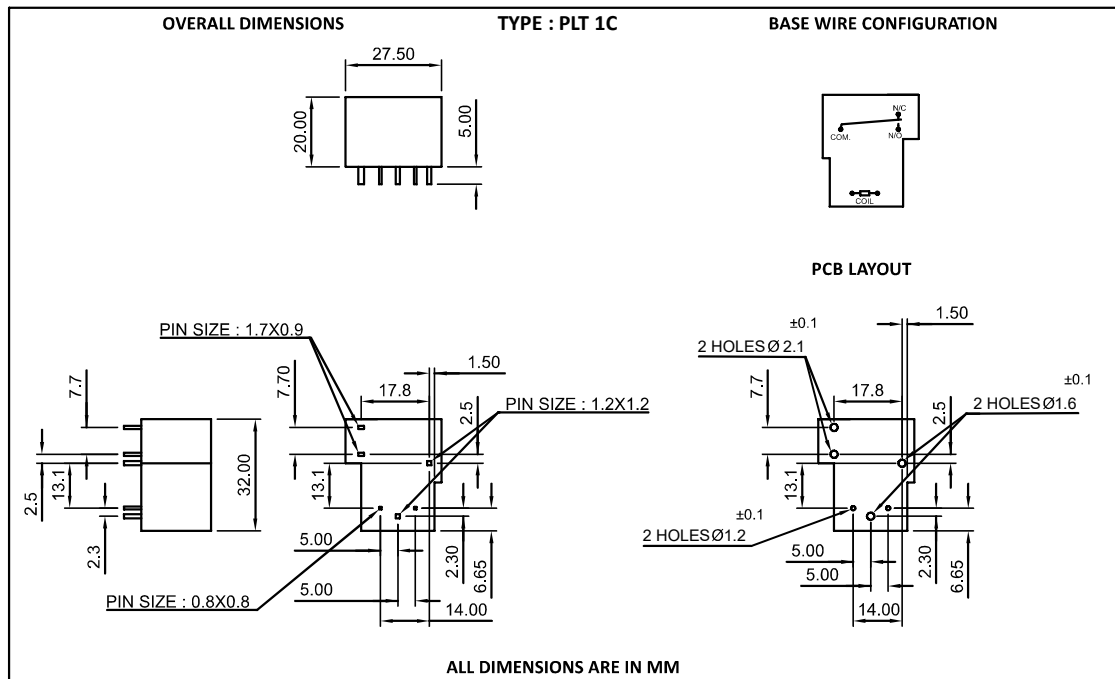
## COIL – DATA (ALL VALUES AT 27°C ± 2° AMBIENT, COLD START)

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	660	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