

# APC SERIES RELAYS



## TECHNICAL SPECIFICATIONS

TYPE		APC
TERMINAL TYPE		Plug In
CONTACT CONFIGURATION		1 N/O
RATED CARRYING CURRENT (RESISTIVE) AT 12 VDC LAMP LOAD		20A
CONTACT MATERIAL		Silver alloy
INITIAL CONTACT RESISTANCE (MAX)		0.050 $\Omega$
COIL NOMINAL VOLTAGES	DC	6 - 24 V
	AC	-
OPERATING POWER (MIN-MAX) FOR DC COIL		1.31-1.38 W
DIELECTRIC STRENGTH BETWEEN	OPEN CONTACT	500 VAC
	COIL TO CONTACT	500 VAC
INSULATION RESISTANCE AT 500 VDC AT 27°C & 65% RH		100 M $\Omega$
OPERATE TIME (MAX)		10 ms
RELEASE TIME (MAX)		7 ms
AMBIENT TEMPERATURE		-40°C To + 85°C
ELECTRICAL LIFE (NO OF OPERATIONS)		10 <sup>5</sup> Lamp Load
MECHANICAL LIFE (NO OF OPERATIONS)		10 <sup>6</sup>
ALL DIMENSIONS ARE IN mm (W x L x H)		20.3 x 15.3 x 22.4(+11.4)
MAX WEIGHT IN GRAMS		15 gms (approx)
STANDARDS		Meeting as Per IEC 61810-1



## SALIENT FEATURES

- Max. Switching Current 20 A
- High Performance
- 4.8 & 6.3 mm Flat Terminals

## APPLICATIONS

- |                     |                  |            |
|---------------------|------------------|------------|
| • Head Lamp Control | • Starter Motors | • Defogger |
| • Radiator Fan      | • A/C Controls   |            |

### NOTE:-

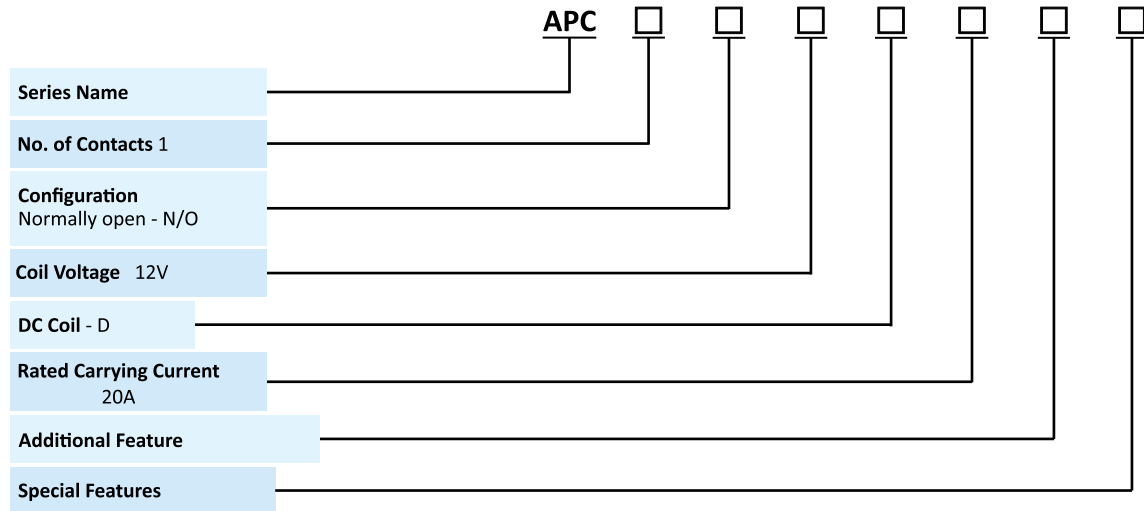
- 1) All Specification / Dimensions subject to Tolerance.
- 2) Any Techno commercial changes is / are prerogative of manufacturer / management of the company which can be done without any notice.



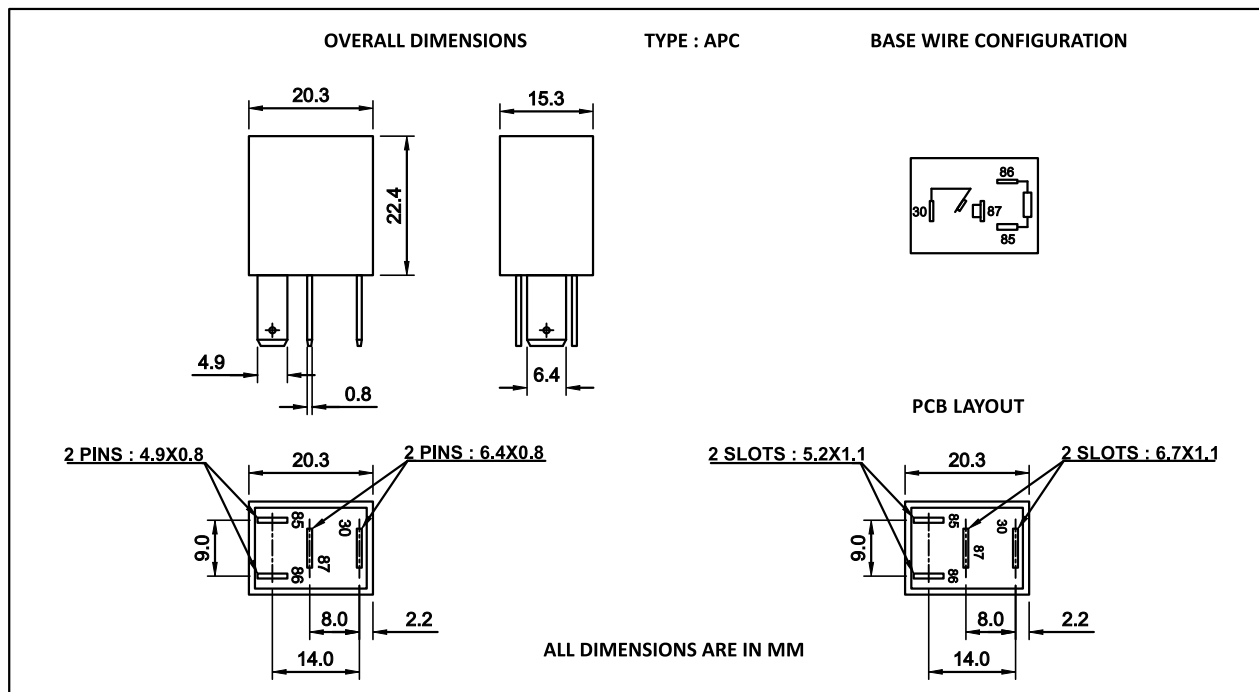
## COIL – DATA (ALL VALUES AT 27°C ± 2°AMBIENT, COLD START)

NOMINAL VOLTAGE (V) (DC)	RESISTANCE IN OHM'S ± 10% Ω	MUST OPERATE VOLTAGE	MUST RELEASE VOLTAGE	OPERATING POWER FOR COIL DC COIL (W)
12 V	110	8.2	1.2	1.31

## 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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