

PAC 80 SERIES RELAYS



TECHNICAL SPECIFICATIONS

TYPE		PAC
TERMINAL TYPE		Solder / Lugs
CONTACT CONFIGURATION		1 NO
RATED CARRYING CURRENT (RESISTIVE) AT 14 VDC		80A
CONTACT MATERIAL		Silver alloy
INITIAL CONTACT RESISTANCE (MAX)		0.050 Ω
COIL NOMINAL VOLTAGES	DC	12 - 24 V
	AC	-
OPERATING POWER MIN-MAX)FOR DC COIL		1.8W
DIELECTRIC STRENGTH BETWEEN	OPEN CONTACT	500 VAC
	COIL TO CONTACT	750 VAC
INSULATION RESISTANCE AT 500 VDC AT 27°C & 65% RH		100 M Ω
OPERATE TIME (MAX)		9 ms
RELEASE TIME (MAX)		5 ms
WITH DIODE RELEASE TIME (MAX)		15 ms
AMBIENT TEMPERATURE		-40°C To + 85°C
ELECTRICAL LIFE (NO OF OPERATIONS)		10 ⁵
MECHANICAL LIFE (NO OF OPERATIONS)		10 ⁶
ALL DIMENSIONS ARE IN mm (W x L x H)		32 x 29 x 42.7(+15)
MAX WEIGHT IN GRAMS		48 gms (approx)
STANDARDS		Meeting as Per IEC 61810-1



SALIENT FEATURES

- Miniature
- Contact Load Capacity up to 80A
- High Reliability

APPLICATIONS

- | | | |
|---------------------------|-------------------------------------|--------------------|
| • Suitable for Automobile | • AMF Diesel Gen Set Control Panels | • Battery Chargers |
| • Security Systems | • Motors Starters | • A/C Controls |

NOTE:-

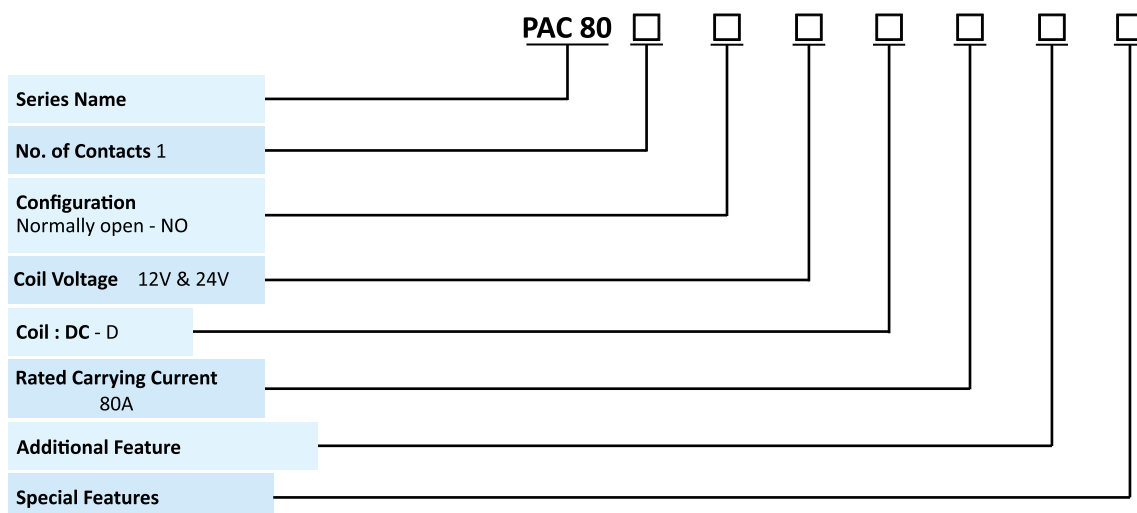
- 1) All Specification / Dimensions subject to Tolerance.
- 2) Any Techno commercial changes is / are prerogative of manufacturer / management of the company which can be done without any notice.



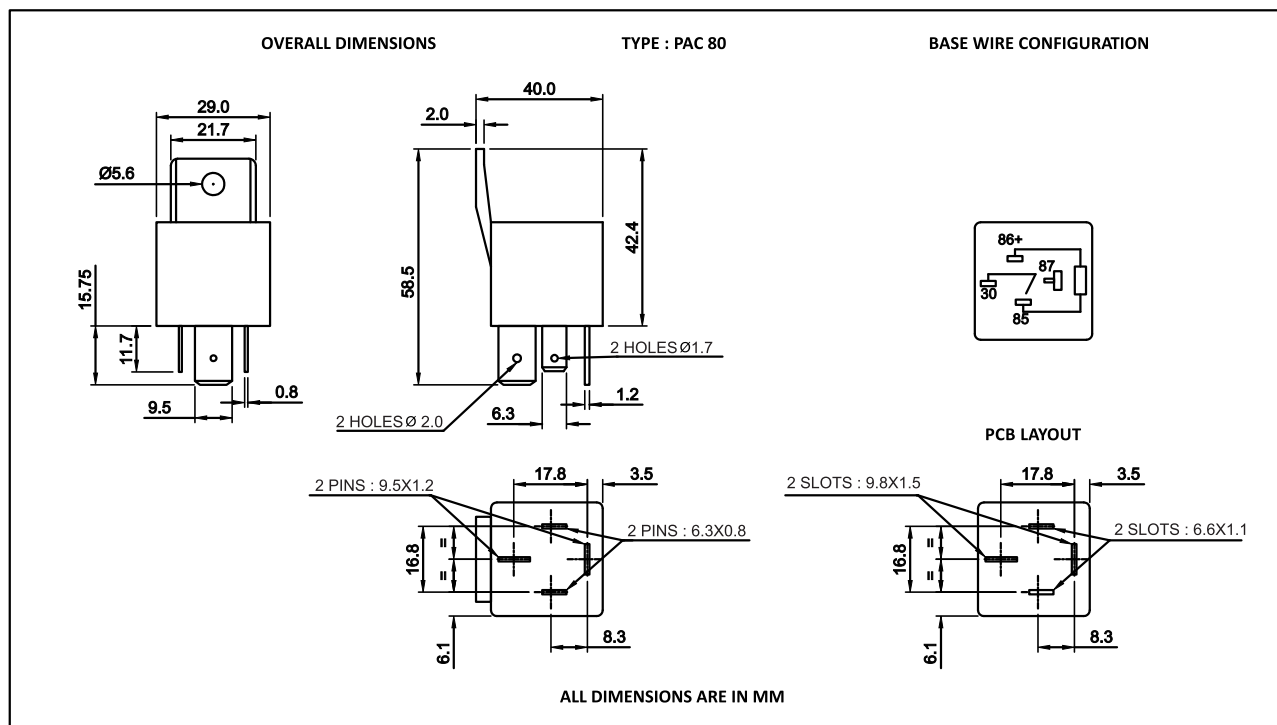
COIL – DATA (ALL VALUES AT 27°C ± 2°AMBIENT, COLD START)

NOMINAL VOLTAGE (V) (DC)	RESISTANCE IN OHM'S ± 10% Ω	MUST OPERATE VOLTAGE (V)	MUST RELEASE VOLTAGE (V)	OPERATING POWER FOR COIL DC COIL (W)
12 V	80	9	1.2	1.8
24 V	360	18	2.4	1.8

ORDERING CODE FOR RELAY



DIMENSIONS



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



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