

TECHNICAL SPECIFICATIONS

TYPE		PMCM	
TERMINAL TYPE		PCB / Plug In	
CONTACT CONFIGURATION		1C	2C
RATED CARRYING CURRENT (RESISTIVE) AT 30 VDC / 240 VAC		12A & 16A	8A
CONTACT MATERIAL		Silver alloy	
INITIAL CONTACT RESISTANCE (MAX)		0.050 Ω	
COIL NOMINAL VOLTAGES	DC	12-24 V	
	AC	240 V @50Hz	
OPERATING POWER (MIN-MAX) FOR DC COIL		0.52 - 0.55 W	
OPERATING POWER (MIN-MAX) FOR AC COIL		0.65 VA	
DIELECTRIC STRENGTH BETWEEN	OPEN CONTACT	1000 VAC	
	COIL TO CONTACT	5000 VAC	
INSULATION RESISTANCE AT 500 VDC AT 27°C & 65% RH		1000 M Ω	
OPERATE TIME (MAX)		20 ms	
RELEASE TIME (MAX)		10 ms	
AMBIENT TEMPERATURE		-20°C To +70°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)		12.7 x 29.0 x 20.4(+4.0)	
MAX WEIGHT IN GRAMS		20 gms (approx)	
STANDARDS		Meeting as Per IEC 61810-1	



SALIENT FEATURES

- SUB Miniature
- PCB Mountable
- High Capacity
- Low Profile
- Suitable for Relay Module

APPLICATIONS

- Contact Multiplying Relays
- Automation

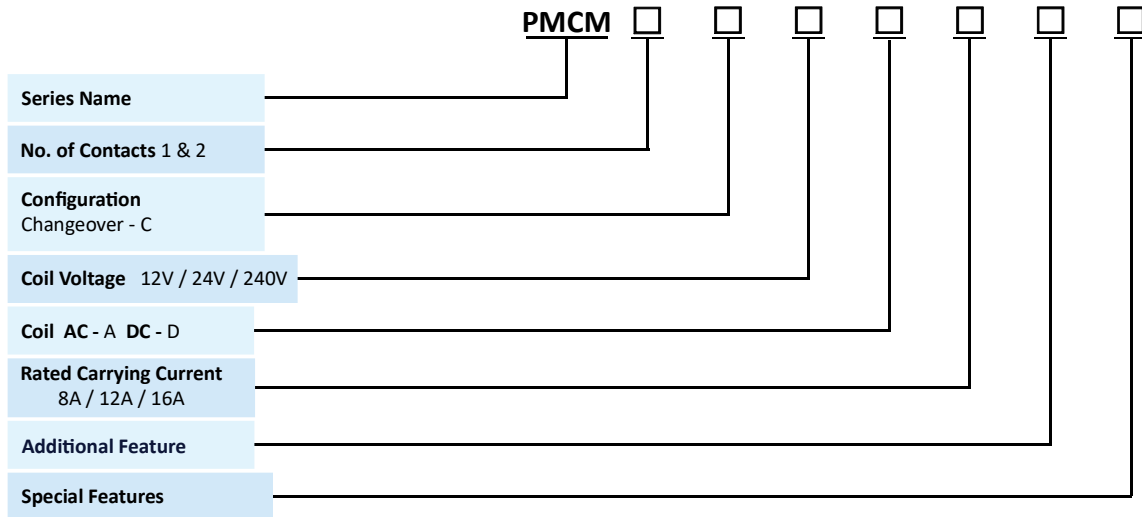
NOTE :-

- 1) Recommended Socket :- For PMCM 1C / 2C is PMCMS - 5 / 8
- 2) All Specification / Dimensions subject to Tolerance.
- 3) Any Techno commercial changes is / are prerogative of Manufacturer / Management / of the Company which can be done without any notice.

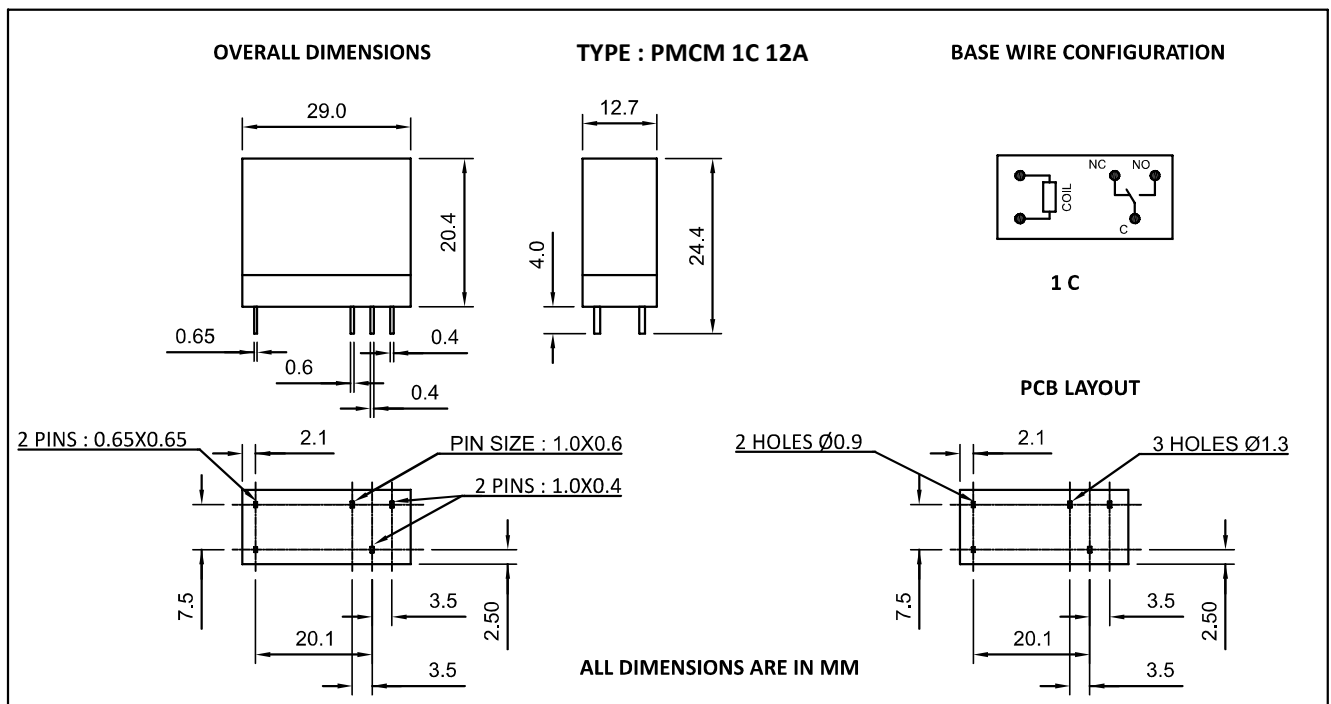
COIL – DATA (ALL VALUES AT 27°C ± 2°AMBIENT, COLD START)

NOMINAL VOLTAGE (V)	RESISTANCE IN OHM'S ± 10%		MUST OPERATE VOLTAGE (V)	MUST RELEASE VOLTAGE (V)	OPERATING POWER FOR COIL	
	DC	AC			DC (W)	AC (VA)
12	270	-	9.6	1.2	0.53	-
24	1.05k	-	19.2	2.4	0.55	-
240	-	35k	192	24	-	0.65

ORDERING CODE FOR RELAY



DIMENSIONS

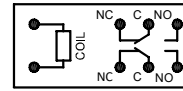
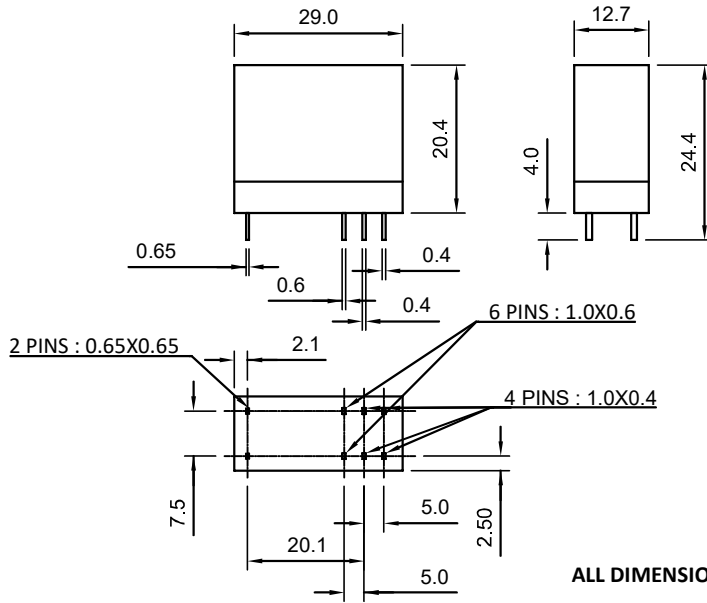


NOTE :- 1) In case no tolerance shown in outline dimensions : Outline dimension 1mm, tolerance should be ±0.2mm
Outline dimension 1mm and 5mm, tolerance should be ±0.3mm Outline dimension 5mm tolerance should be ±0.4mm
2) The tolerance without indicating for PCB layout is always ±0.2mm

OVERALL DIMENSIONS

TYPE : PMCM 2C 8A & PMCM 1C 16A

BASE WIRE CONFIGURATION



2 C

PCB LAYOUT

