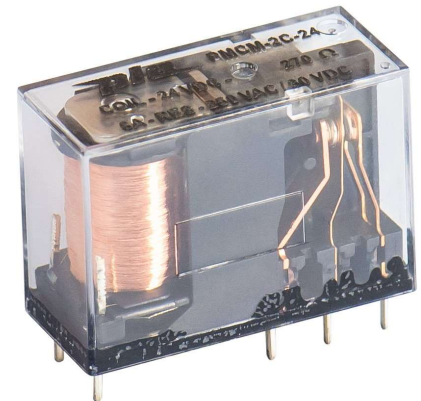


## TECHNICAL SPECIFICATIONS

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		0.53 - 0.55 W
OPERATING POWER (MIN-MAX) FOR AC COIL		0.65 VA
DIELECTRIC STRENGTH BETWEEN	OPEN CONTACT	1000 V <sub>RMS</sub>
	COIL TO CONTACT	5000 V <sub>RMS</sub>
INSULATION RESISTANCE AT 500 VDC AT 27°C & 65% RH		1000 MΩ
OPERATE TIME (MAX)		20 ms
RELEASE TIME (MAX)		10 ms
AMBIENT TEMPERATURE		-20°C To +70°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) APPROX.		12.7 x 29.0 x 20.4(+4.0)
MAX WEIGHT IN GRAMS (APPROX.)		20 gms
INBUILT FEATURE		LED
STANDARDS		IEC 61810-1



(Photo For Representation Purpose Only)

## SALIENT FEATURES

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

## APPLICATIONS

- Contact Multiplying Relays
- Automation

### NOTE :-

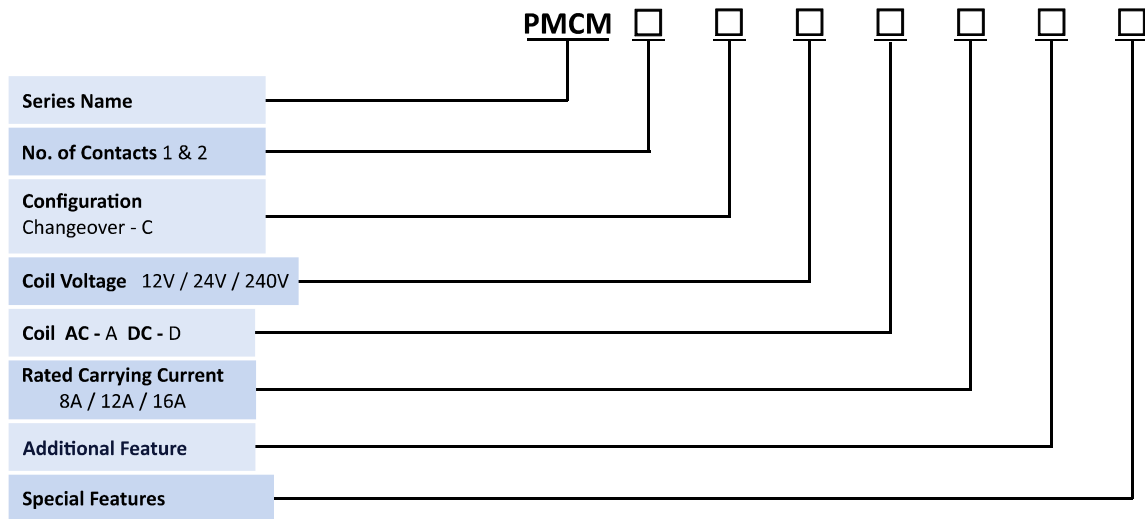
- 1) Recommended Socket :- For PMCM 1C / 2C is PMCMS - 5 / 8
- 2) All Specification / Dimensions subject to Tolerance.
- 3) Any Techno commercial changes is / are prerogative of Manufacturer / Management / of the Company which can be done without any notice.



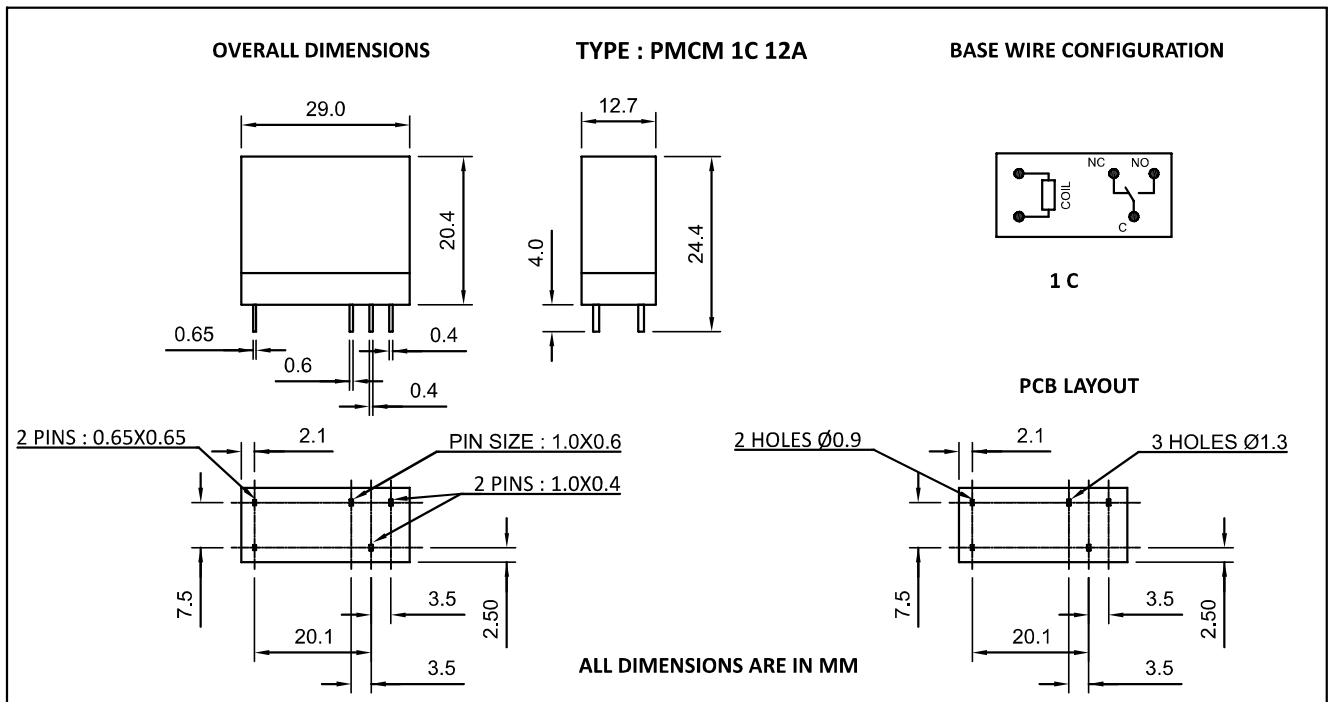
## COIL – DATA (ALL VALUES AT 27°C ± 2° AMBIENT, COLD START)

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



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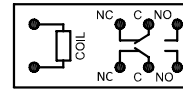
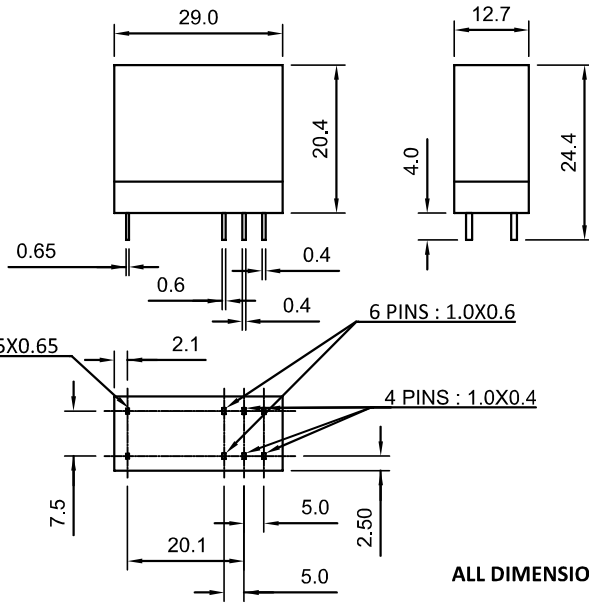


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**OVERALL DIMENSIONS**

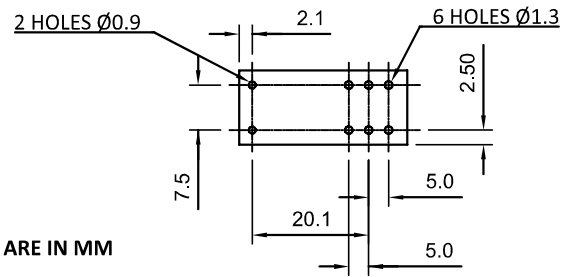
**TYPE : PMCM 2C 8A & PMCM 1C 16A**

**BASE WIRE CONFIGURATION**



**2 C**

**PCB LAYOUT**



**ALL DIMENSIONS ARE IN MM**



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