

TECHNICAL SPECIFICATIONS

TYPE		HPCC
TERMINAL TYPE		Plug In / Lugs / Solder
CONTACT CONFIGURATION		2C / 2A
RATED CARRING CURRENT (RESISTIVE) AT 220 VDC / 250 VAC		20A
CONTACT MATERIAL		Silver alloy
INITIAL CONTACT RESISTANCE (MAX)		0.050 m Ω
COIL NOMINAL VOLTAGES	DC	12-220 V
	AC	240V
OPERATING POWER (MIN-MAX) FOR DC COIL		1.86 - 2.22 W
OPERATING POWER (MIN-MAX) FOR AC COIL		4.90 VA
DIELECTRIC STRENGTH BETWEEN	OPEN CONTACT	2000 VAC
	COIL TO CONTACT	2000 VAC
INSULATION RESISTANCE AT 500 VDC AT 27°C & 65% RH		100 M Ω
OPERATE TIME (MAX)		15 ms
RELEASE TIME (MAX)		6 ms
AMBIENT TEMPERATURE		-25°C To +55°C
ELECTRICAL LIFE (NO OF OPERATIONS)		10 ⁵
MECHANICAL LIFE (NO OF OPERATIONS)		10 ⁶
IMPULSE WITHSTAND VOLTAGE (AS PER IEC 60255-5)		5KV (1.2/50 μ s)
ARC SUPPRESSOR		Provided
ALL DIMENSIONS ARE IN mm (W x L x H)		50.5 x 70(+ 9.8) x 45.6
MAX WEIGHT IN GRAMS		126 gms (approx)
STANDARDS		IEC 61810-1



SALIENT FEATURES

- Compact Size
- Black Cover
- Socket/Solder/Crimping Terminal
- ARC Suppressor
- High Voltage DC Panels

APPLICATIONS

- | | | |
|-------------------------------------|-------------------------|--------------------------|
| • Scada-Power Circuit | • Battery Charger | • Process Controls |
| • Switching High Voltage DC Current | • High Voltage DC Motor | • High Voltage DC Panels |

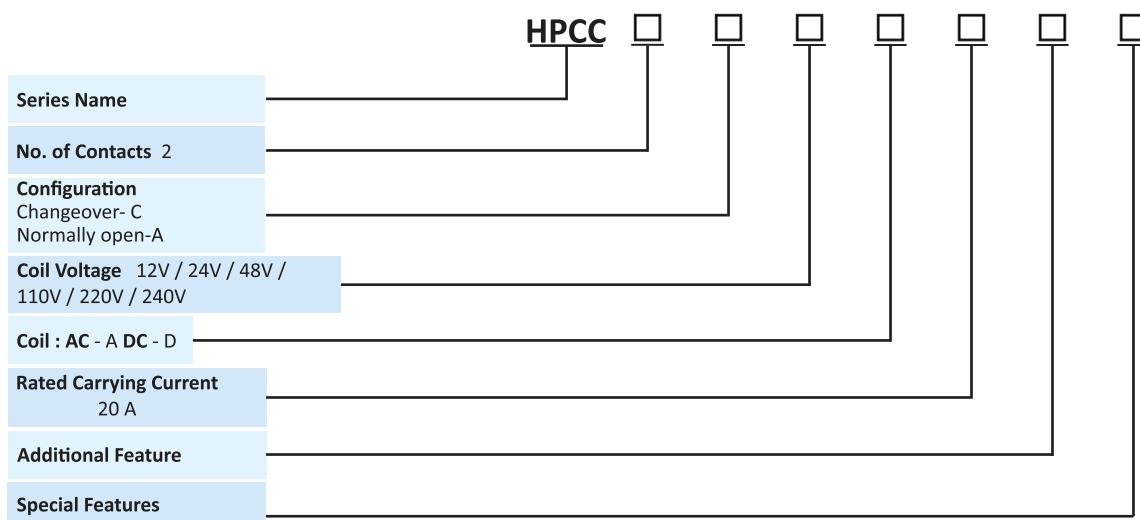
NOTE:-

- 1) Recommended socket
- 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.

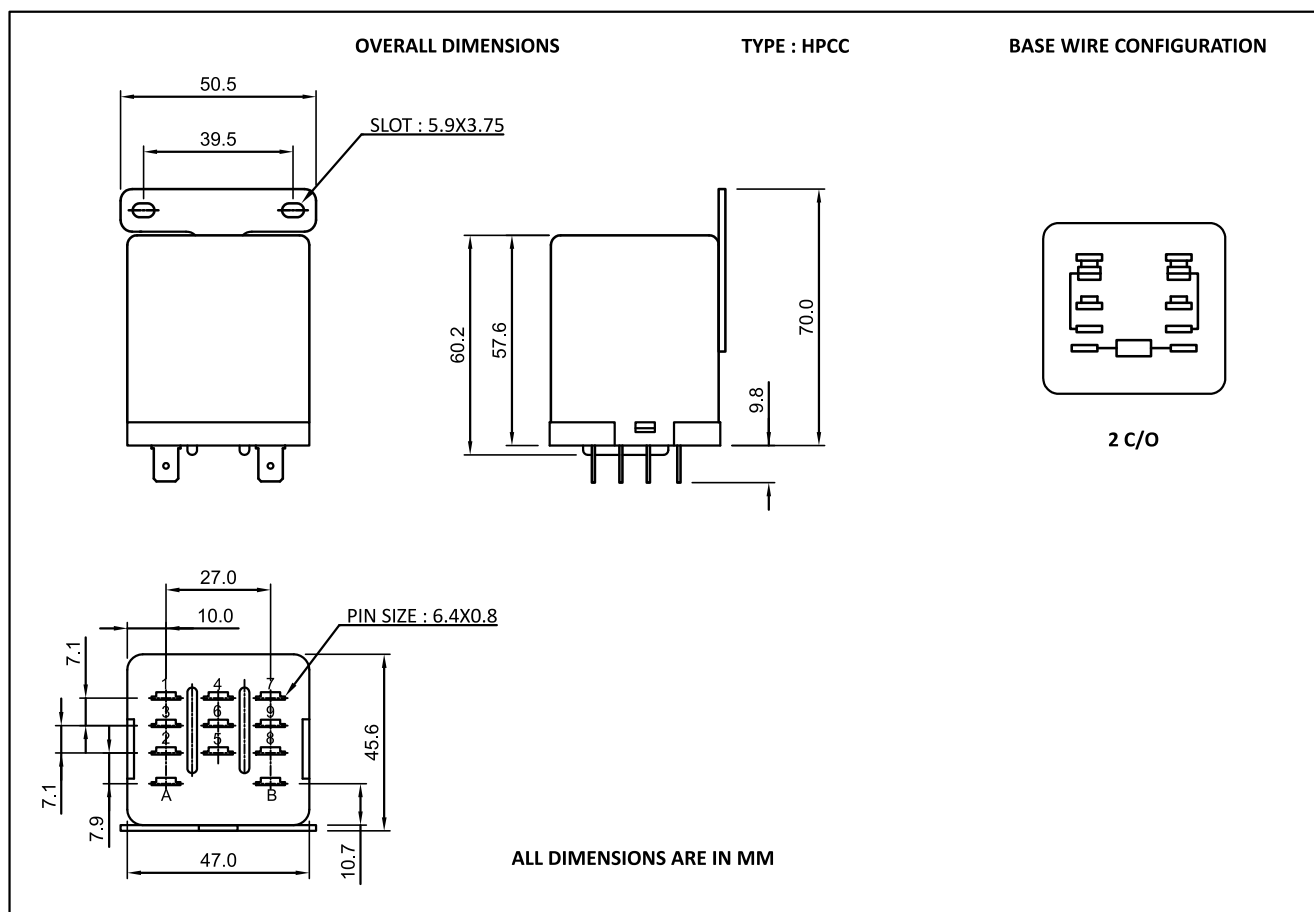
COIL – DATA (ALL VALUES AT 27°C ± 2°AMBIENT, COLD START)

NOMINAL VOLTAGE (V)	RESISTANCE IN OHM'S ± 10% Ω		MUST OPERATE VOLTAGE (V)	MUST RELEASE VOLTAGE (V)	OPERATING POWER FOR DC COIL	
	DC	AC			DC (W)	AC (VA)
12	74	-	9.6	1.2	1.95	-
24	260	-	19.2	2.4	2.22	-
48	1.2k	-	38.4	4.8	1.92	-
110	5.5k	-	88	11	2.20	-
220	26k	-	176	22	1.86	-
240	-	4.7k	192	24	-	4.90

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 $\pm 0.2\text{mm}$