

SCR SERIES RELAYS

Sugar Cube Relays



TECHNICAL SPECIFICATIONS

TYPE		SCR
TERMINAL TYPE		PCB
CONTACT CONFIGURATION		1C
RATED CARRYING CURRENT (RESISTIVE) AT 24 VDC / 250 VAC		7A
CONTACT MATERIAL		Silver alloy
INITIAL CONTACT RESISTANCE (MAX)		0.100 Ω
COIL NOMINAL VOLTAGES	DC	12 - 24 V
	AC	-
OPERATING POWER FOR DC COIL		0.36 W
DIELECTRIC STRENGTH BETWEEN	OPEN CONTACT	750 V _{RMS}
	COIL TO CONTACT	1500 V _{RMS}
INSULATION RESISTANCE AT 500 VDC AT 25°C & 65% RH		100 M Ω
OPERATE TIME (MAX)		10 ms
RELEASE TIME (MAX)		5 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) APPROX.		19 x 15.4 x 15(+4)
MAX WEIGHT IN GRAMS (APPROX.)		10 gms



(Photo For Representation Purpose Only)

SALIENT FEATURES

- Subminiature
- PCB Mountable
- High Reliability

APPLICATIONS

- UPS
- Stabilizers
- Temperature Controllers
- Pressure Controllers
- PC add ON Cards
- Instrumentation

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.



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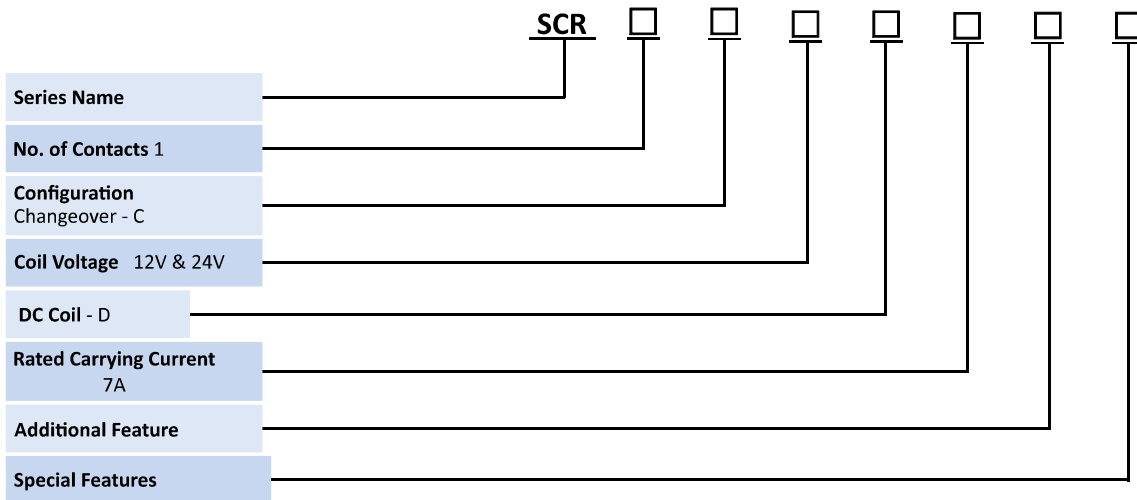
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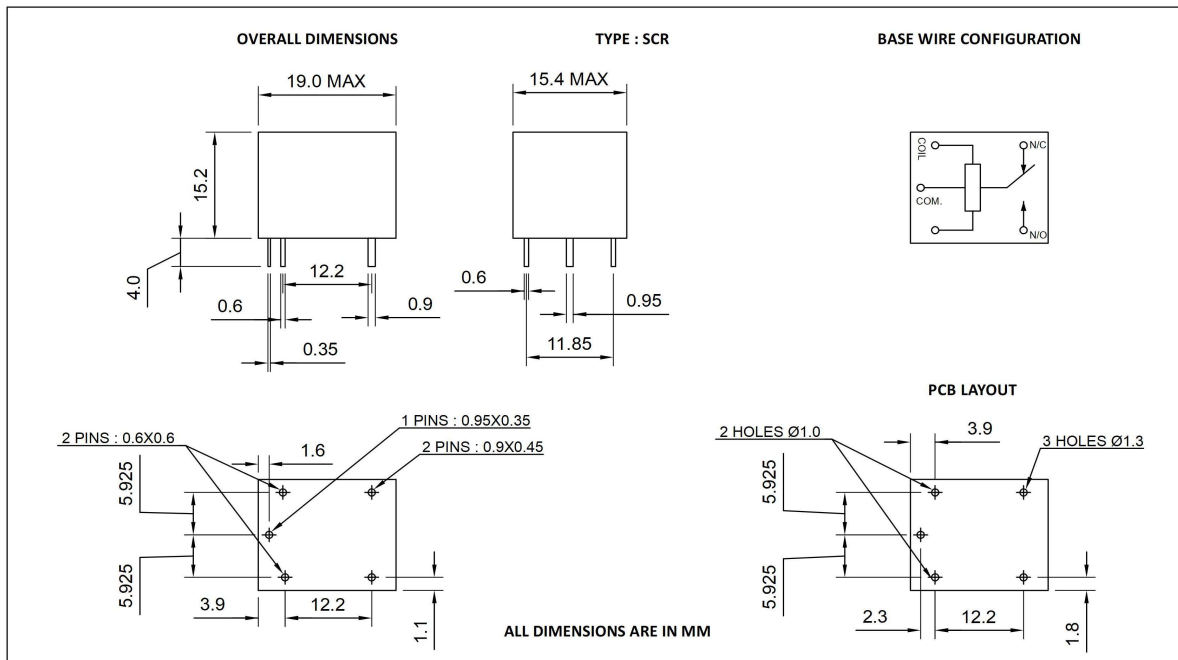
COIL – DATA (ALL VALUES AT 27°C ± 2° AMBIENT, COLD START)

NOMINAL VOLTAGE (V)	RESISTANCE IN OHM'S ± 10% Ω	MUST OPERATE VOLTAGE (V)	MUST RELEASE VOLTAGE (V)	OPERATING POWER FOR COIL DC COIL (W)
12 V	400	9	1.2	0.36
24 V	1.6k	18	2.4	0.36

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

