

TECHNICAL SPECIFICATIONS

| TYPE | | DIP C/O | |
|---|----------------------|--|--------------------|
| TERMINAL TYPE | | PCB | |
| CONTACT CONFIGURATION | | 1 C/O | 2 C/O |
| RATED CARRYING CURRENT (RESISTIVE) AT MAX 28 VDC & 3W | | 0.25A | |
| INITIAL CONTACT RESISTANCE (MAX) | | 0.200 Ω | |
| COIL NOMINAL VOLTAGES | DC | 5 - 48 V | |
| | AC | - | |
| OPERATING POWER (MIN-MAX) FOR DC COIL | | 0.13 - 0.52W | |
| DIELECTRIC STRENGTH | BETWEEN OPEN CONTACT | 250 VDC | |
| | COIL TO CONTACT | 500 VDC | |
| INSULATION RESISTANCE AT 500 VDC AT 27°C & 65% RH | | 1000 MΩ | |
| OPERATE TIME INCLUDING BOUNCE (MAX) | | 1 ms | |
| RELEASE TIME INCLUDING BOUNCE (MAX) | | 1 ms | |
| AMBIENT TEMPERATURE | | -40°C To + 85°C | |
| LIFE EXPECTANCY | | 10 ⁷ Operations at Optimum Load Conditions. | |
| ALL DIMENSIONS ARE IN mm (W x L x H) | | 10.5 x 22.2 x 7.5 | 10.5 x 22.2 x 11.5 |
| MAX WEIGHT IN GRAMS | | 5 gms | |
| TYPICAL CAPACITANCE | | 2.5 PF Across Contact 3.5 PF Contact to Coil | |
| REED BREAK-DOWN VOLTAGE | | 200 VDC | |
| VIBRATION | | 20g, 10 -1000 Hz | |
| SHOCK | | 50g, 11 ms | |



SALIENT FEATURES

- Epoxy Encapsulation
- Excellent Isolation

APPLICATIONS

- | | | |
|---------------------|-----------------------|----------------|
| • Programming | • Computers | • Telemetry |
| • Circuit Isolation | • Communications | • RF Switching |
| • Scanners | • Encoders & Decoders | • Memory |
| • Logic | | |

NOTE:-

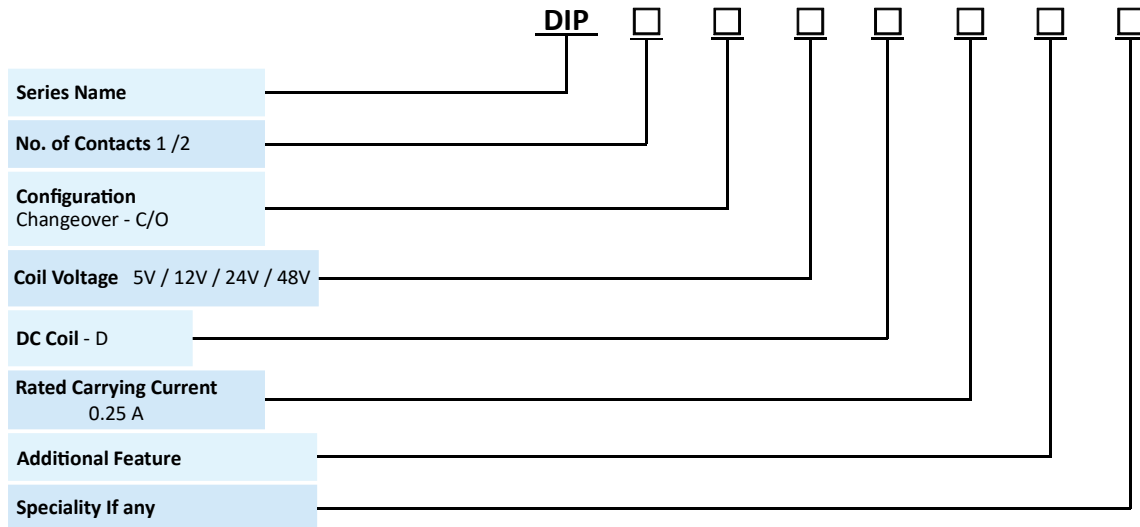
- 1) All Specification / Dimensions subject to Tolerance.
- 2) Any Techno commercial changes is / are prerogative of manufacturer / management of the company which can be done without any notice.



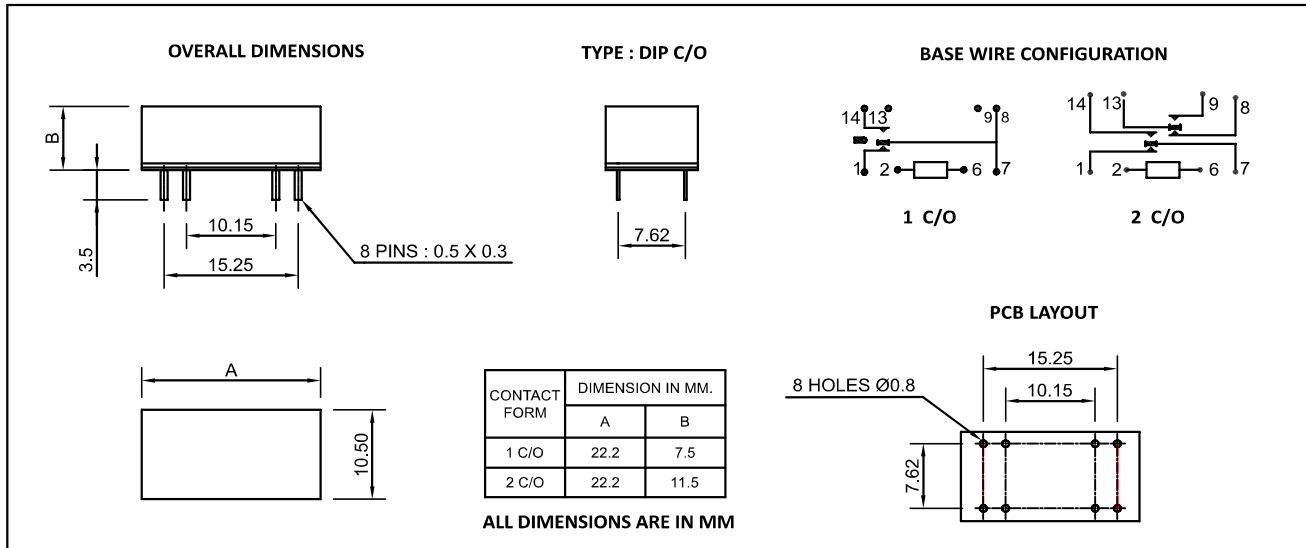
COIL – DATA (ALL VALUES AT 27°C ± 2°AMBIENT, COLD START)

| NOMINAL VOLTAGE (DC) | RESISTANCE IN OHM'S ± 10% Ω | | MUST OPERATE VOLTAGE | MUST RELEASE VOLTAGE | OPERATING POWER FOR DC COIL (W) | |
|----------------------|--------------------------------|-------|----------------------|----------------------|---------------------------------|-------|
| | 1 C/O | 2 C/O | | | 1 C/O | 2 C/O |
| 5 V | 200 | 100 | 4 | 0.5 | 0.13 | 0.25 |
| 12 V | 500 | 275 | 9 | 1.2 | 0.29 | 0.52 |
| 24 V | 2.1k | 1.1k | 18 | 2.4 | 0.27 | 0.52 |
| 48 V | 5k | 5k | 36 | 4.8 | 0.46 | 0.46 |

ORDERING CODE FOR RELAY



DIMENSIONS



* Relay Size For 1 C/O 48 VDC will Remain Same as 2 C/O 48 VDC .

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