

# DIP C/O SERIES REED RELAYS



## 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 $\Omega$	
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 M $\Omega$	
OPERATE TIME INCLUDING BOUNCE (MAX)		1 ms	
RELEASE TIME INCLUDING BOUNCE (MAX)		1 ms	
AMBIENT TEMPERATURE		-40°C To + 85°C	
LIFE EXPECTANCY		10 <sup>7</sup> 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:-

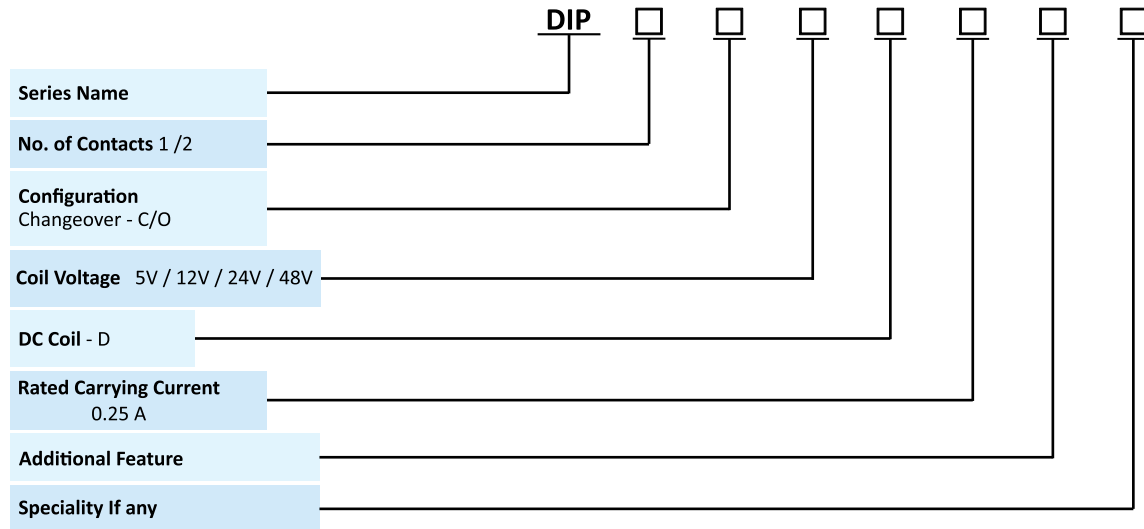
- 1) All Specification / Dimensions subject to Tolerance.
- 2) Any Techno commercial changes is / are prerogative of manufacturer / management of the company which can be done without any notice.



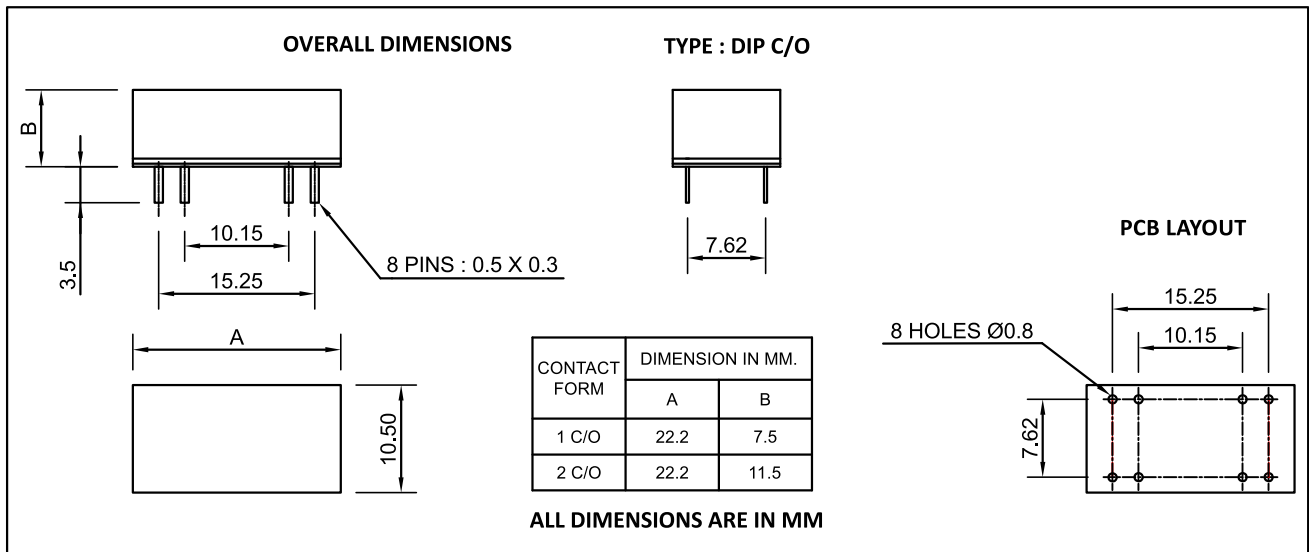
## COIL – DATA ( ALL VALUES AT 27°C ± 2°AMBIENT, COLD START)

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



+91 22 25106104/05



+91 7045459530



sales@plarelays.com



www.plarelays.com