

# O/E/N 30

## HERMETICALLY SEALED HALF CRYSTAL CAN RELAY

Up to 2A Switching Capacity  
 High Shock & Vibration ratings  
 Direct PCB / Solder type  
 Gold plated Contacts

### SPECIFICATIONS

Enclosure	: Hermetically sealed
Contact Arrangement	: 2C
Contact Material	: Gold plated hardened silver alloy
Contact Rating	
Rated Voltage	: 28VDC
Max. Switching Current at 28VDC	: 2Amps(res)
Max. Switching Power	: 56 W, 34.5VA (res)
Contact Resistance	: 50 m Ohms(Initial) 100 m Ohms(after life)
Life Expectancy	
Mechanical	: 5 x 10 <sup>5</sup> operations
Electrical	: 1x 10 <sup>5</sup> operations
Dielectric Strength	
Between coil and contacts	: 1000 Vrms
Between Open contacts	: 500 Vrms
Insulation Resistance	: 10000Meg.Ohms @ 500 VDC
Operate time	: 4 milli sec max
Release time	: 4 milli sec max
Ambient Temperature	: -65°C to + 85° C
Acceleration	: 490 m/s <sup>2</sup>
Vibration Resistance	: 10 to 2000 Hz, 196 m/s <sup>2</sup>
Impact(Shock) Resistance	: 735 m/s <sup>2</sup>
Terminals	: PCB / Solder
Weight	: 13 g
Do NOT ground the relay can for AC switching	

### Typical Applications

Military&Commercial Applications - Aircraft and Missile Controls, System, Communication and other high- grade electronic circuitry

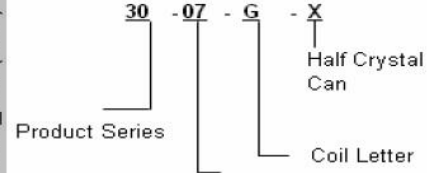
All dimensions are in mm. Specifications subject to change without notice.

### COIL DATA

Coil Letter	Nominal Voltage VDC	Pick-Up Voltage (25°C) VDC (Max)	Coil Resistance Ohms±10% (25°C)
*A	6.3	3.5	35
D	12	7.2	200
*E	20.4	10.2	340
G	26.5	13.5	675
*L	73.8	42.0	5675

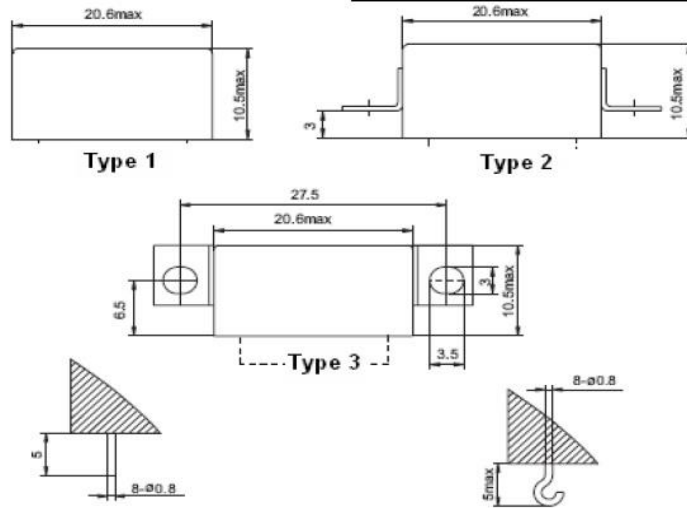
\* MOQ - 250 nos applicable

### MOUNTING STYLES

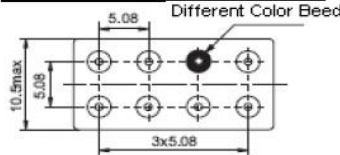


- Mounting Style
- 30-01 Solder Header with Mtg. Brackets with centre line holes (Type 2 with Terminal 2)
  - 30-02 Solder Header with side Brackets (Type 3 with Terminal 2)
  - 30-07 Plug in / Printed Circuit-Plain Can (Type 1 with Terminal 1)

### MOUNTING STYLES



### TERMINAL 1 DRILLING PATTERN



### TERMINAL 2 CIRCUIT DIAGRAM

