



O/E/N 94

AUTOMOTIVE MICRO POWER RELAY



FEATURES

- High Performance
- Limiting Continuous Current 20A
- Minimal Weight
- IP 67 Sealed

APPLICATION

- Head Lamp Control
- Fuel Pump Control
- Horn Control
- A/C Compressor Clutch
- Wiper
- Fog Lamp

TECHNICAL DATA FOR CONTACT SIDE:

Areas of Application	: Resistive / Inductive Load
Contact Configuration	: 1 Form A (1 NO)
Contact Material	: Silver Alloy
Contact Rating at 23°C- 13.5VDC	: 20A
Electrical Life in No.of Operations Min.	: Resistive Load 20A Make, 20A Break >1 x 10 ⁵
Mechanical Life in No.of Operations Min.	: 1 x 10 ⁶
Contact Voltage Drop at 10 A (Max.)	: 40mV
Maximum Switching Current	
@ 13.5 VDC	: 100A

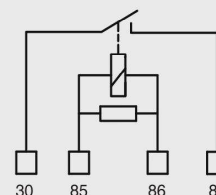
GENERAL DATA FOR COIL SIDE

Nominal Coil Power	: 0.96 W (Approx)
Operate Time	: 10 milli Seconds (Typ)
Release Time	: 10 milli Seconds (Typ)

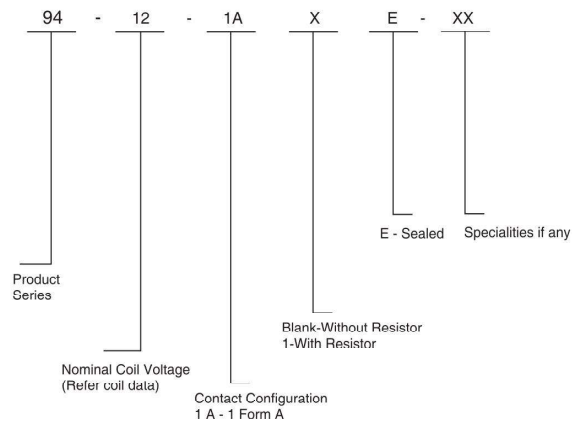
OPERATING CONDITIONS

Ambient Temperature	: -40°C to +125° C
Dielectric Strength	
Between open contacts	: 500 VRMS
Insulation Resistance	: 100 Mega Ohms Min. at 500 VDC, 25°C RH 50
Vibration Resistance	: 100-500Hz, 98m/s ²
Shock Resistance	: 196 m/s ²
Weight	: 11 gms Max.

WIRING DIAGRAM



HOW TO ORDER

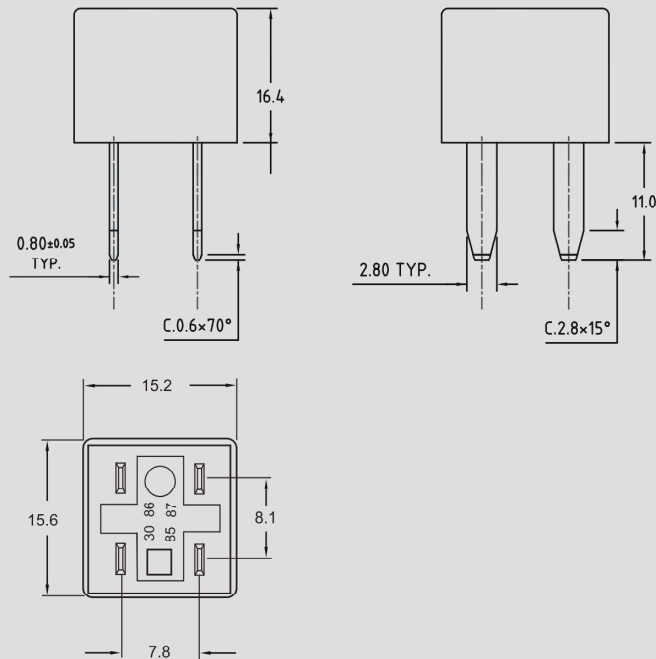


COIL DATA

Nominal Coil Voltage VDC	**Pick up Voltage VDC(Max)	Drop out Voltage VDC(Min)	Coil Resistance Ohms± 10 %
12	7.5	1.2	150

**Lower Pick- up voltages available on request

DIMENSIONS



MECHANICAL DATA

COVER RETENTION

PULL : 150 N Min
PUSH : 150 N Min

TERMINAL STRENGTH

PULL : 100 N Min
PUSH : 100 N Min

AVAILABLE ON REQUEST

● For custom solutions consult factory