

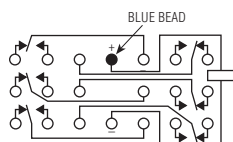
Six Pole, Electrically Held, 2 Amps and Less

SS

SS

Six Pole Half Size High Performance Relay

Designed to
MIL-R-39016



Terminal View

Product Facts

- Hermetically sealed
- Up to 2 amps switching
- High shock & vibration ratings
- Optional terminals & mounting styles
- 6 form C Hi-density design

Electrical Characteristics

Contact Arrangement —
6 Form C (6PDT)

Contact Material —
Stationary —
Gold plated hardened silver alloy
Moveable —
Gold plated hardened silver alloy

Contact Resistance —
Before Life — 50 milliohms max.
(measured at 10 mA @ 6 Vdc)
After Life — 100 milliohms max.
(measured @ 2 A @ 28 Vdc)

Mechanical Life Expectancy —
1 million operations min.

Coil Voltage — 5 to 26.5 Vdc

Coil Power — 2.6 watts max. @ 25°C

Duty Cycle — Continuous

Pick-up Voltage — Approximately
50% of nominal coil voltage

Pick-up Sensitivity — 475 mW

Contact Ratings

Contact Load	Type	Operations Min.
2 A @ 28 Vdc	Resistive	100,000
0.3 A @ 115 Vac, 60 Hz & 400 Hz	Resistive	100,000
0.75 A @ 28 Vdc	Inductive (200mH)	100,000
0.1 A @ 28 Vdc	Intermediate	50,000
0.2 A @ 28 Vdc	Lamp	100,000
10 µA @ 50 mV	Low Level	1,000,000

Six Pole, Electrically Held, 2 Amps and Less (Continued)

SS (Continued)

Operating Characteristics

Timing —

Operate Time — 5.0 ms max.

Release Time — 5.0 ms max.

Contact Bounce — 5.0 ms max

Dielectric Withstanding Voltage —

Between Open Contacts —

350 Vrms 60 Hz

Between Adjacent Contacts —

500 Vrms 60 Hz

Between Contacts & Coil —

500 Vrms 60 Hz

Insulation Resistance —

1,000 megohms min. @ 500 Vdc

Environmental Characteristics

Temperature Range —

-65°C to +125°C

Weight —

0.28 oz. (7.8 grms)

Vibration Resistance —

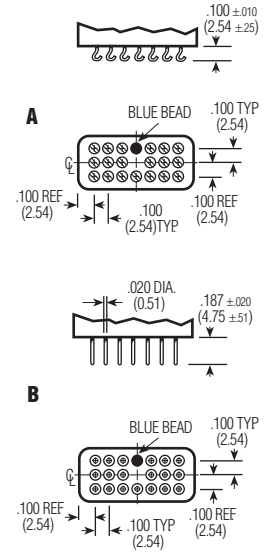
15 G's, 10 to 2,000 Hz

Shock Resistance —

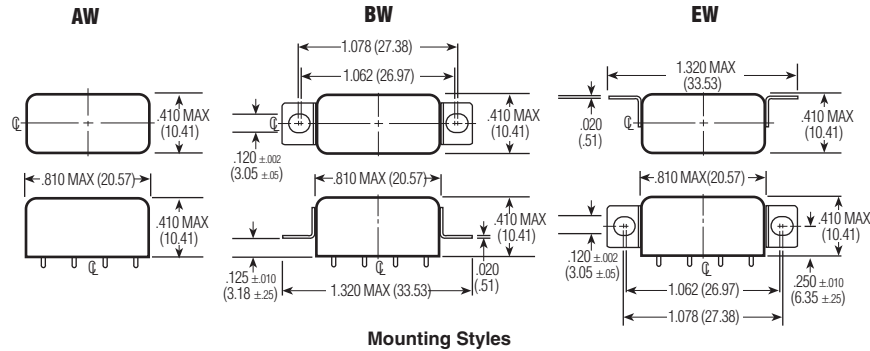
100 G's, 6 ±1 ms

QPL Equivalent —

MIL-R-39016



SS Terminals



Mounting Styles

Standard Coil Data

Nom. Coil Voltage (Vdc)	Coil Resistance in Ohms ±10% @ 25°C	Pickup Voltage Vdc (Max.) @ 25°C	Pickup Voltage Vdc (Max.) @ 125°C	Drop-out Voltage Vdc (Min.) @ 25°C	Drop-out Voltage Vdc (Min.) @ -65°C	Nom. Coil Power (W) @ 25°C	Max. Coil Voltage	Coil Desig.
5.0	20	2.75	3.8	0.35	0.23	1.25	6.0	5
6.0	25	3.5	4.5	0.45	0.3	1.44	8.0	6
12.0	100	6.5	9.0	0.9	0.6	1.44	15.0	12
26.5	390	14.0	18.0	1.8	1.2	1.8	32.0	24

Specifying a Part Number Example:

Type

SS

Mountings

BW-

Contacts

6C-

Coils

24

Terminals

B