



- DC-18 GHz
- DC-26.5 GHz
- DC-40 GHz
- Low/Medium Power
- 1M/5M Life Cycles

RF Characteristics

| Frequency GHz | VSWR (max) | Isolation dB (min) | Ins. Loss dB (max) |
|---------------|------------|--------------------|--------------------|
| DC-1 | 1.10 | 85 | 0.10 |
| 1-4 | 1.15 | 80 | 0.15 |
| 4-8 | 1.20 | 70 | 0.20 |
| 8-12 | 1.30 | 65 | 0.30 |
| 12-18 | 1.35 | 60 | 0.35 |
| *18-26.5 | 1.50 | 55 | 0.50 |
| *26.5-40 | 1.90 | 55 | 0.80 |

*Performance varies depending on selected options

Specifications

Operating Voltage (across temperature range):

- 12 Vdc (11-14 Vdc)
- 24 Vdc (20-28 Vdc)
- 28 Vdc (24-32 Vdc)

Coil Current (max. @ nom. Vdc & 25°C)*:

- 12 Vdc 230 mA
- 24 Vdc 135 mA
- 28 Vdc 115 mA

Switching Time:

15 ms maximum

Operating Temperature:

- 25°C to +65°C (Standard)
- 55°C to +85°C (Extended "T" Option)

Mechanical Life Cycles*:

- 1,000,000 minimum
- 5,000,000 minimum ("U" Option)

Vibration, Operating:

10G RMS, 20-2000 Hz

Mechanical Shock, Non-Operating:

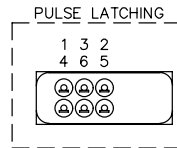
50G, 1/2 Sine, 11 ms

Nominal Weight*:

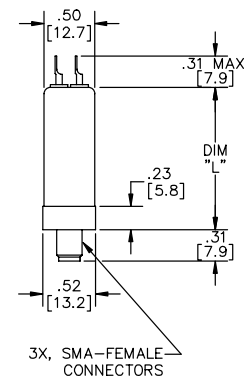
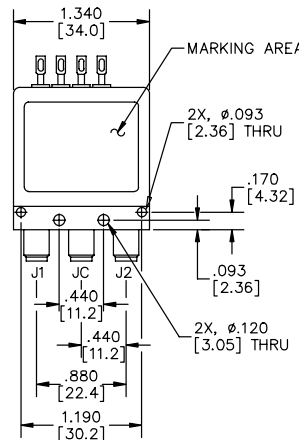
1.4 oz. (40 g.)

* Performance and weight varies depending on selected options. Values listed are for Standard 401 Latching model.

Mechanical



| DIM "L" (MAX) | MODEL | ELEC. SCHEM. |
|---------------|-------------|--------------|
| 1.40 [35.6] | 401-3X08 | 3 |
| 1.40 [35.6] | 401-3X0832 | 3 |
| 1.80 [45.7] | 401-4X08 | 4 |
| 1.80 [45.7] | 401-4X0832 | 4 |
| 1.80 [45.7] | 401-4X0802A | 5 |
| 1.80 [45.7] | 401-4X0832A | 5 |



401-4X0832 Shown
For Electrical Schematic, see page # 1-5

Part Number Selector

401 J - 4 2 08 02 A - ROHS

| Special Options | Actuator | Coil Voltage | Connectors | Indicators | Circuit Options |
|---------------------|---|--------------|--------------------|---------------------|-----------------|
| A = High Power | 3 = Pulse Latching | 2 = 12 Vdc | 08 = SMA Female | 02 = No Indicators* | A = TTL High |
| I = Immersion Seal | 4 = Latching Self Cutoff | 3 = 28 Vdc | 11 = 2.9 mm (K) | 32 = Indicators | L = TTL Low |
| J = 'D' Connector | 7 = Pulse Latching with Suppression Diode | 8 = 24 Vdc | 19 = PCB Pin Mount | | |
| K = 26.5 GHz | | 9 = 15 Vdc | | | |
| S = Epoxy Seal | | | | | |
| T = -55°C to + 85°C | | | | | |
| U = 5M Life Cycles | | | | | |
| W = Low PIM | | | | | |
| Y = 40 GHz | | | | | |

Note: TTL option includes suppression diode. Other options may be available and all combinations may not be possible. Please consult with factory.