



- 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 195 mA
- 24 Vdc 125 mA
- 28 Vdc 95 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:

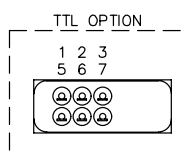
50G, 1/2 Sine, 11 ms

Nominal Weight*:

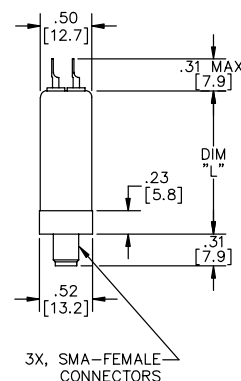
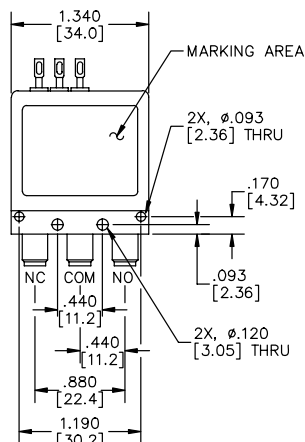
1.4 oz. (40 g.)

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

Mechanical



DIM "L" (MAX)	MODEL	ELEC. SCHEM.
1.40 [35.6]	401-2X08	1
1.40 [35.6]	401-2X0832	1
1.80 [45.7]	401-2X0802A	2
1.80 [45.7]	401-2X0832A	2



401-2X0832 Shown
For Electrical Schematic, see page # 1-5

Part Number Selector

401 J - 2 2 08 02 A - ROHS

Special Options	Actuator	Coil Voltage	Connectors	Indicators	Circuit Options
A = High Power	2 = Failsafe	2 = 12 Vdc	08 = SMA Female	02 = No Indicators*	A = TTL High
I = Immersion Seal	6 = Failsafe with Suppression Diode	3 = 28 Vdc	11 = 2.9 mm (K)	32 = Indicators	B = TTL High Military (JANTX)
J = 'D' Connector		8 = 24 Vdc	19 = PCB Pin Mount		L = TTL Low
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					

*Declared only with Circuit Options

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