

**RF Characteristics**



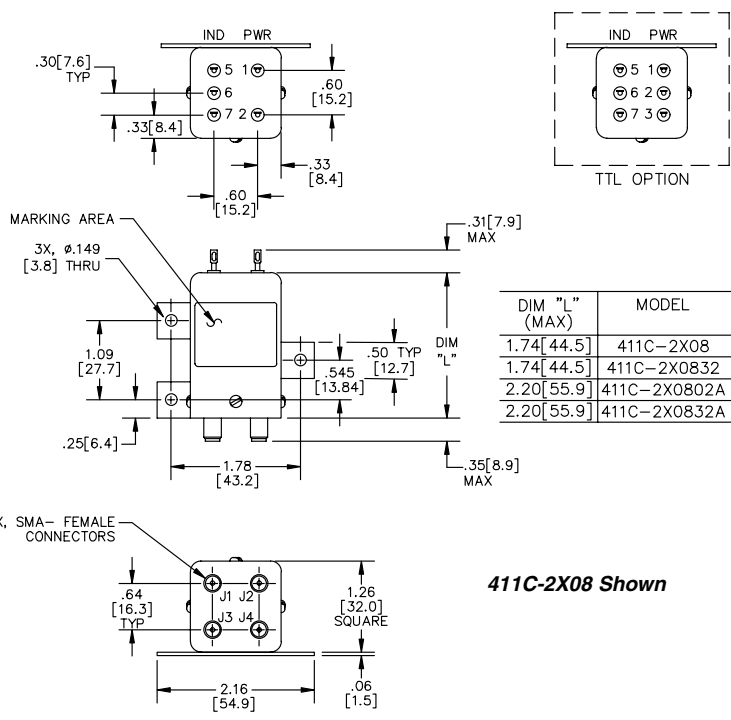
Frequency GHz	VSWR (max)	Isolation dB (min)	Ins. Loss dB (max)
0-1	1.10	85	0.10
1-4	1.20	80	0.20
4-8	1.30	70	0.30
8-12	1.40	65	0.40
12-18	1.50	60	0.50

**411C Series Transfer Failsafe, SMA**

**Specifications**

- Operating Voltage:**  
(across temperature range)  
12 Vdc (11-14 Vdc)  
28 Vdc (24-32 Vdc)
- Coil Current (max @ nom.Vdc & 20°C):**  
12 Vdc 360 mA  
28 Vdc 145 mA
- Switching Time:**  
20 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
- Vibration, Operating:**  
10G RMS, 20-2000 Hz
- Mechanical Shock, Non-Operating:**  
50 G, 1/2 Sine, 11 mS
- Nominal Weight:**  
4.0 oz., (115g.)

**Mechanical**



DIM "L" (MAX)	MODEL	ELEC. SCHEM.
1.74 [44.5]	411C-2X08	1
1.74 [44.5]	411C-2X0832	1
2.20 [55.9]	411C-2X0802A	2
2.20 [55.9]	411C-2X0832A	2

411C-2X08 Shown

**Part Number Selection**

For Electrical Schematic see page # 2.6

411C J - 2 2 01 02 A

<p><b>Special Options</b></p> <p>A = High Power B = Bypass (J2-J4) D = Bypass (J1-J2) E = Bypass (J3-J4) F = Bypass (J1-J3) I = Immersion Seal J = 'D' Connector N = No Mounting Bracket S = Epoxy Seal T = -55°C to + 85°C</p>	<p><b>Actuator</b></p> <p>2 = Failsafe 6 = Failsafe with Suppression Diode</p>	<p><b>Coil Voltage</b></p> <p>2 = 12Vdc 3 = 28Vdc 4 = 48Vdc 7 = 20Vdc 8 = 24Vdc 9 = 15Vdc</p>	<p><b>Connectors</b></p> <p>08 = SMA Female 71 = SMB Female</p>	<p><b>Indicators</b></p> <p>02 = No Indicators 32 = Indicators</p>	<p><b>Circuit Options</b></p> <p>A = TTL High B = JANTX TTL High L = TTL Low</p>
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