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so your equipment works exactly as you specify.

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MINIATURE COAXIAL SWITCH

DowKey Microwave
CORPORATION
A DOVER COMPANY

CMP

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Dual SPDT Miniature

6L3 Failsafe | SMA



- DC-18 GHz
- VXI/PXI Platform
- 2M Life Cycles

RF Characteristics

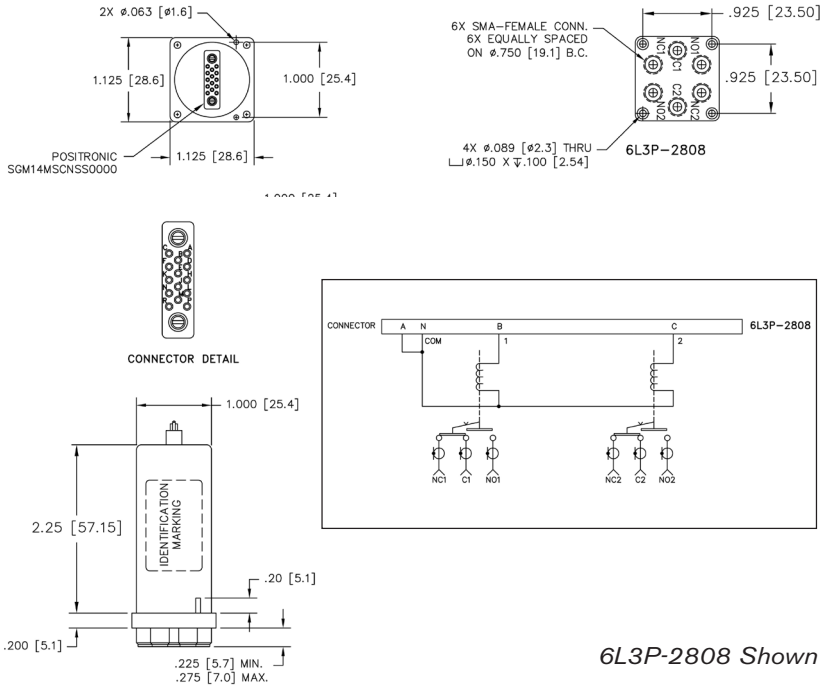
Frequency GHz	VSWR (max)	Isolation dB (min)	Ins. Loss dB (max)	RF Power Watts (CW)
DC-4	1.25	70	0.20	100
4-8	1.35	65	0.30	70
8-12	1.40	60	0.40	60
12-18	1.50	60	0.50	45

Note: Consult with factory for higher frequencies

Specifications

Operating Voltage:
24 Vdc (20-28 Vdc)
Coil Current (max. @ nom. Vdc & 25°C):
24 Vdc 150 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:
2,000,000 minimum
Vibration, Operating:
10G RMS, 20-2000 Hz
Mechanical Shock, Non-Operating:
50G, 1/2 Sine, 11 ms
Nominal Weight:
4.0 oz. (113 g.)

Mechanical / Electrical Schematic



6L3P-2808 Shown

Part Number Selector

6L3	P	-	2	8	08
Family	Special Options		Actuator	Coil Voltage	Connectors
6L3 = 2x SPDT PXI/VXI Platform	P = High Density Rectangular Connector		2 = Failsafe	8 = 24 Vdc	08 = SMA Female

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- DC-18 GHz
- VXI/PXI Platform
- 2M Life Cycles

RF Characteristics

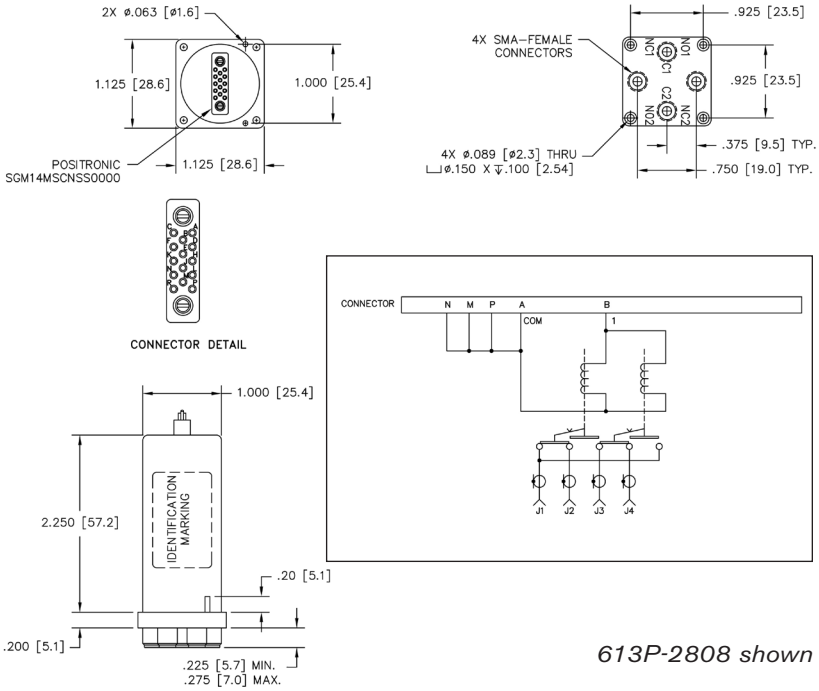
Frequency GHz	VSWR (max)	Isolation dB (min)	Ins. Loss dB (max)	RF Power Watts (CW)
DC-4	1.25	70	0.20	100
4-8	1.35	65	0.30	70
8-12.4	1.40	60	0.40	60
12-18	1.50	60	0.50	45

Note: Consult with factory for higher frequencies

Specifications

Operating Voltage:
24 Vdc (20-28 Vdc)
Coil Current (max. @ nom. Vdc & 25°C):
24 Vdc 300 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:
2,000,000 minimum
Vibration, Operating:
10G RMS, 20-2000 Hz
Mechanical Shock, Non-Operating:
50G, 1/2 Sine, 11 ms
Nominal Weight:
4.0 oz. (113 g.)

Mechanical



613P-2808 shown

Part Number Selector

613	P	–	2	8	08
Family	Special Options		Actuator	Coil Voltage	Connectors
613 = DPDT, PXI/VXI Platform	P = High Density Rectangular Connector		2 = Failsafe	8 = 24 Vdc	08 = SMA Female

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SP3T-SP6T Miniature

537-567 Normally Open | SMA



- DC-18 GHz
- Low Power
- 1M Life Cycles

RF Characteristics

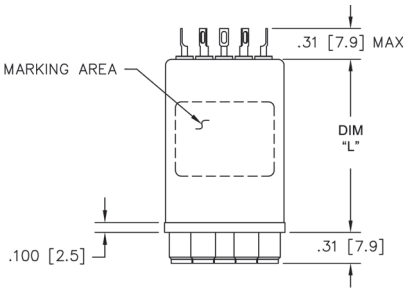
Frequency GHz	VSWR (max)	Isolation dB (min)	Ins. Loss dB (max)	RF Power Watts (CW)
DC-1	1.10	85	0.10	100
1-4	1.20	80	0.20	50
4-8	1.30	70	0.30	35
8-12	1.40	65	0.40	25
12-18	1.50	60	0.50	10

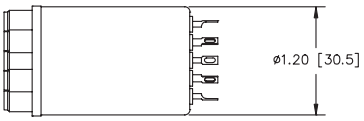
Specifications

Operating Voltage:
24 Vdc (20-28 Vdc)
Coil Current (max. @ nom. Vdc & 25°C)*:
12 Vdc 320 mA
24 Vdc 160 mA
28 Vdc 140 mA
Switching Time:
15 ms maximum
Operating Temperature:
-55 °C to +85°C
Mechanical Life Cycles:
1,000,000 minimum
Vibration, Operating:
10G RMS, 20-2000 Hz
Mechanical Shock, Non-Operating:
50G, 1/2 Sine, 11 ms
Nominal Weight:
3.0 oz. (85 g.)

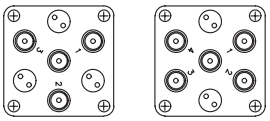
* Performance varies depending on selected options.

Mechanical





DIM "L" (MAX)	MODEL	ELEC. SCHEM.
1.75 [44.5]	5X7-5X08	1
2.15 [54.6]	5X7-5X0802A	2



567-5X08 Shown
For Electrical Schematic, see page # 3-20

Part Number Selector

5X7	J	–	5	2	08	02	A

Family	Special Options	Actuator	Coil Voltage	Connectors	Indicators	Circuit Options
537 = SP3T	J = 9 Pin Micro 'D' Connector	5 = Normally Open	2 = 12 Vdc	08 = SMA Female	02 = No Indicator*	A = TTL High
547 = SP4T	S = Epoxy Seal		3 = 28 Vdc			
567 = SP6T	T = -55°C to + 85°C		8 = 24 Vdc			
			9 = 15 Vdc			

*Declared only with Circuit Options

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SP3T-SP6T Miniature



- DC-18 GHz
- VXI/PXI Platform
- 2M Life Cycles

RF Characteristics

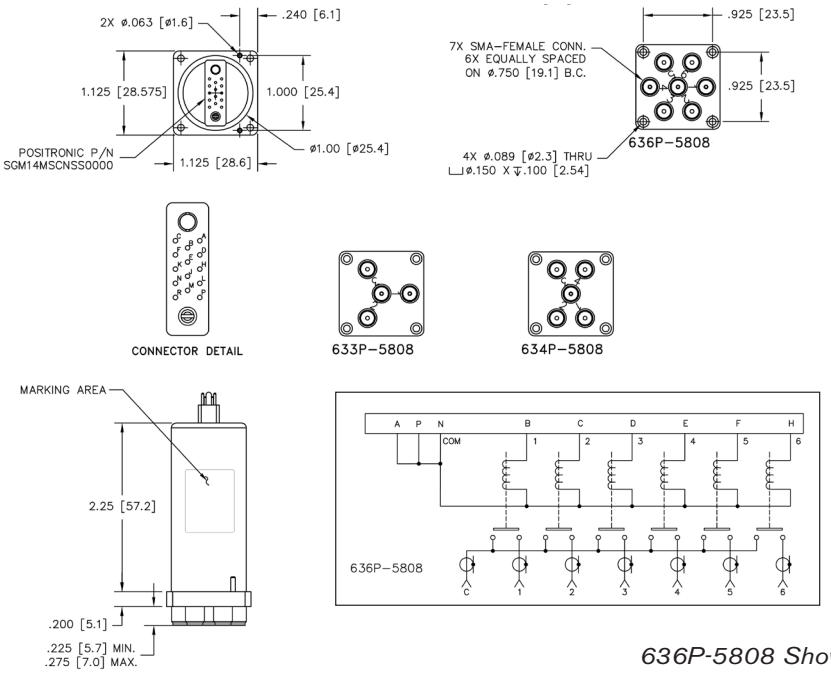
Frequency GHz	VSWR (max)	Isolation dB (min)	Ins. Loss dB (max)	RF Power Watts (CW)
DC-4	1.25	70	0.20	100
4-8	1.35	65	0.30	70
8-12	1.40	60	0.40	60
12-18	1.50	60	0.50	45

Note: Consult with factory for higher frequencies

Specifications

Operating Voltage:
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Coil Current (max. @ nom. Vdc & 25°C):
24 Vdc 150 mA
Switching Time:
20 ms maximum
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-25°C to +65°C (Standard)
-55°C to +85°C (Extended "T" Option)
Mechanical Life Cycles:
2,000,000 minimum
Vibration, Operating:
10G RMS, 20-2000 Hz
Mechanical Shock, Non-Operating:
50G, 1/2 Sine, 11 ms
Nominal Weight:
4.0 oz. (113 g.)

Mechanical / Electrical Schematic



636P-5808 Shown

Part Number Selector

636 P - 5 8 08

Family	Special Options	Actuator	Coil Voltage	Connectors
633 = SP3T, PXI/VXI Platform	P = High Density Rectangular Connector	5 = Normally Open	8 = 24 Vdc	08 = SMA Female
634 = SP4T, PXI/VXI Platform				
636 = SP6T, PXI/VXI Platform				

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