

WN Series Multi Position SMA Switch

WN SERIES

The WN Series features SMA connectors and a frequency range of DC to 22 GHz.

This series is available with latching self cut-off or normally open functions with terminations.

- **RF Impedance:** 50 ohms nominal
- **Temperature Range:** -35°C to +85°C ambient
- **Operating Life:** 2,000,000 cycles min.
- **Switching Time:** 15 mSec max.
- **Switching Sequence:** Break Before Make
- **Environmental:** Designed in Accordance to MIL-DTL-3928 (Testing and Operation Modes)

APPLICATION

- RF Attenuators
- RF Switch Matrices
- Test Equipment/ATE Systems
- Telecommunications

CAPABILITIES

Ducommun RF Products coaxial switch WN Series is an innovative design that allows for miniaturization in the footprint size of our multi-throw coaxial switches for SP7T through SP10T. The WN Series offers outstanding electrical performance characteristics while at the same time saves on space, thereby allowing our customers to either build smaller assemblies or reduce their current assembly's size.

Small size, lightweight and high reliability make it ideal for use in a variety of applications requiring bandwidths of up to 22 GHz.

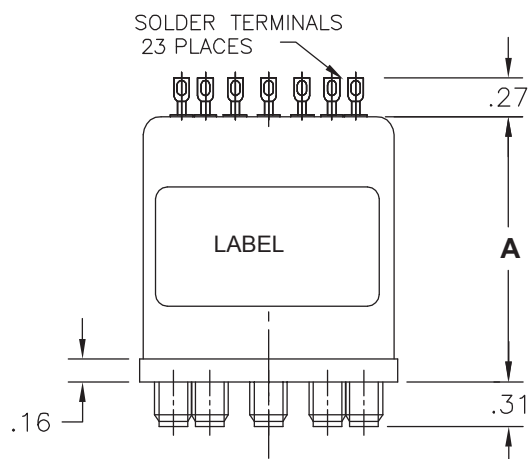


SPECIFICATIONS

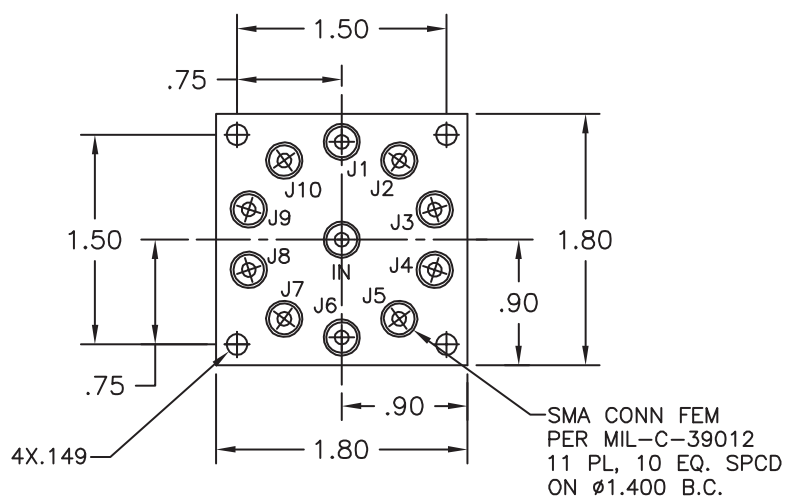
Frequency	VSWR	Insertion	Isolation
DC - 3 GHz	1.15	0.15	80
3-8 GHz	1.25	0.25	70
8 - 12.4 GHz	1.3	0.3	60
12.4 - 18 GHz	1.4	0.4	60
18 - 22 GHz	1.6	0.6	55

Actuator Current (typical) Normally Open			
12VDc	15 VDc	24 VDc	28VDc
160mA	200mA	320mA	400mA

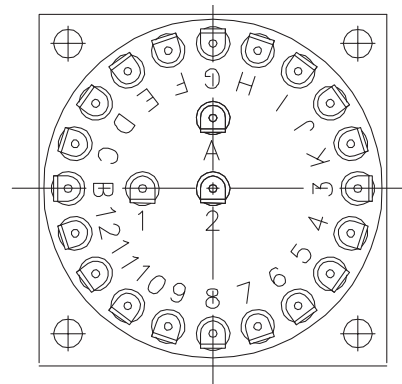
FRONT OUTLINE DRAWING



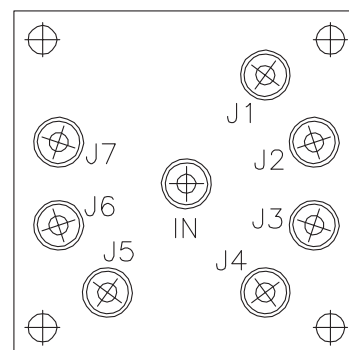
BOTTOM OUTLINE DRAWING-SP10T



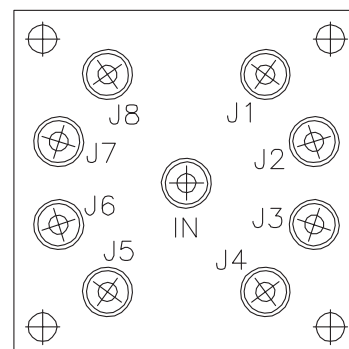
TOP OUTLINE DRAWING



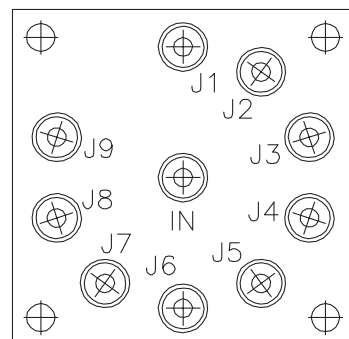
SP7T



SP8T



SP9T



All specifications are subject to change without notice. Please contact a sales representative for additional information.