



PIN DIODE SWITCHES 10 MHz TO 20 GHz

SB

FEATURES

- **WIDE BANDWIDTH**
0.1 to 20 GHz
- **LOW LOSS**
0.25 DB TYP at 1 GHz
- **INTEGRAL TTL DRIVER**
10 nsec Delay Typ.

DESCRIPTION

The SB Series of SPST to SP32T switches cover the frequency range of 10 to 20000 MHz in multiple bands. Stripline or microstrip construction is implemented on the basis of power handling, isolation, frequency range and custom integrated assemblies.

ELECTRICAL SPECIFICATIONS

Model No.	Switch Type	Frequency* Range (MHz)	VSWR Max.	Insertion Loss (db Max.)	Isolation (dB Min.)	Input Power (dBm Max.)	Switching Speed (nsec Max.)
SBS-A01	SPST	100-18000	2:1	2.25	60	+27.0	100nsec
SBS-A02	SPST	100-18000		2.25	50		
SB2-A01	SPDT	100-18000		2.75	60		
SB2-A02	SPDT	100-18000		2.75	50		
SB3-A01	SP3T	100-18000		3.00	60		
SB3-A02	SP3T	100-18000		3.00	50		
SB4-A01	SP4T	100-18000		3.25	60	50	
SB4-A02	SP4T	100-18000		3.25	50		
SB5-A01	SP5T	100-18000		3.5	50		
SBSL-A01	SPST	10-2500*		0.50	60	+20.0	100nsec
SB2L-A01	SPDT	10-2500*		1.00			
SB3L-A01	SP3T	10-2500*		1.50			

*Other frequency bands available: contact factory.
Smaller size available

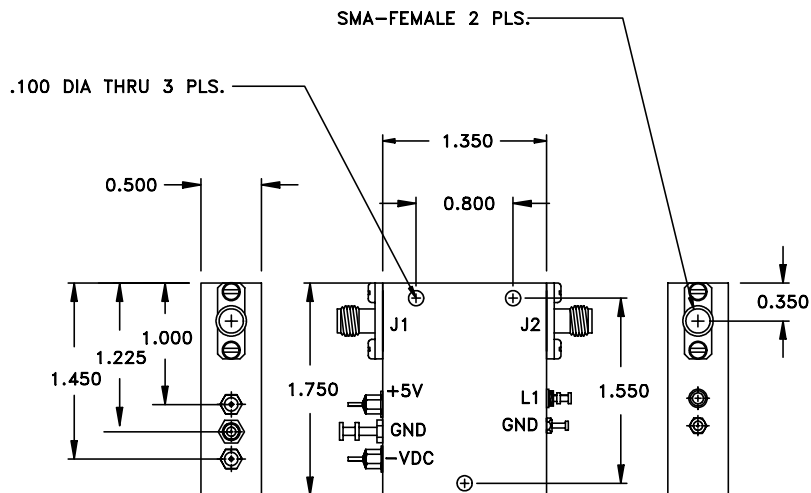
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TAYLOR MICROWAVE, INC.

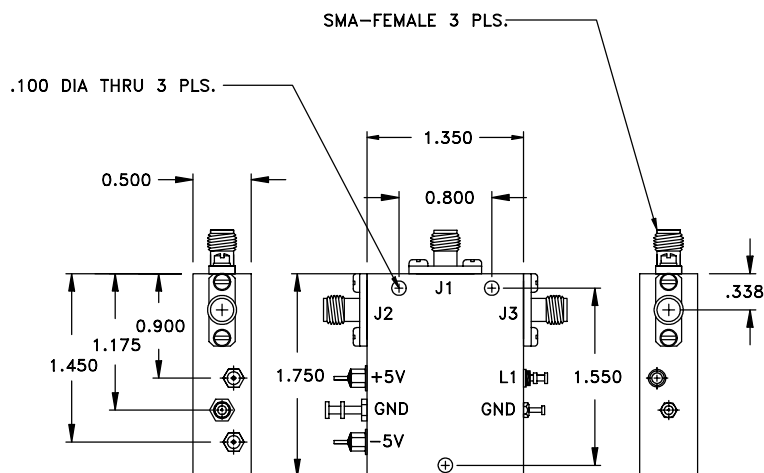
48 Industrial West, Clifton, NJ 07012 • Tel.(973)890-7763 • Fax.(973)890-7793

OUTLINE DIMENSIONS

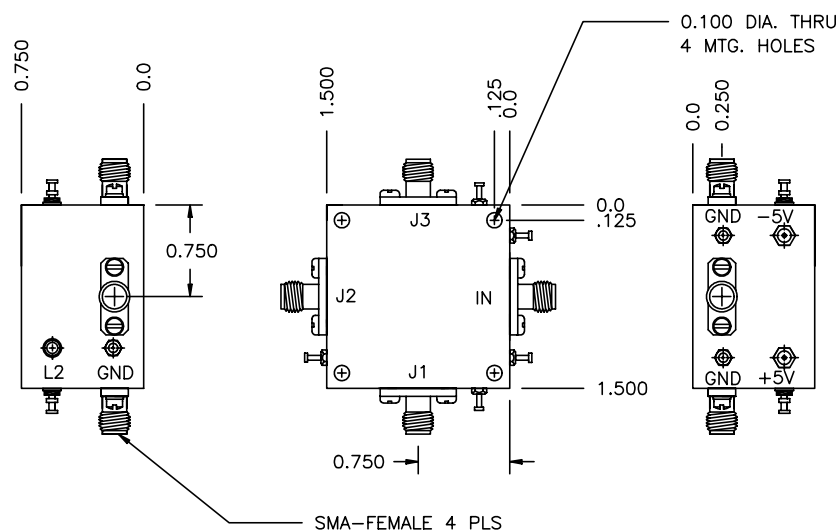
SPST



SP2T



SP3T



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