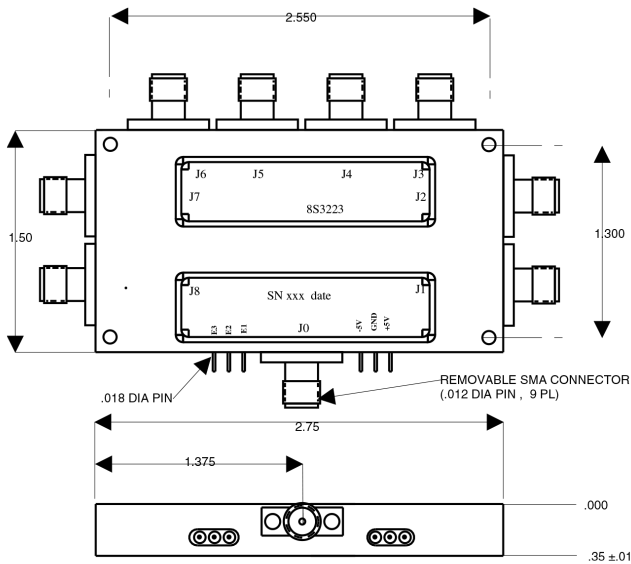


SPEC SHEET 8S3223 Series SP8T Switches with Removable SMA Connectors



Truth Table			
E3	E2	E1	Selected Path
0	0	0	J0-J1
0	0	1	J0-J2
0	1	0	J0-J3
0	1	1	J0-J4
1	0	0	J0-J5
1	0	1	J0-J6
1	1	0	J0-J7
1	1	1	J0-J8

Specifications

Model Number	Frequency Range (GHz)	VSWR Max.	Insertion Loss (dB) Max.	ISO. (dB) Min.
8S3223	2-18	2.0	3.5	60

Switching Speed (50% TTL to 10/90% RF)	100 ns Max.
Harmonic Generation (@ +20 dBm)	50 dBc Max.
TTL Control (3 Line)	Decoded
RF Power (No Performance Degradation)	+23 dBm
Power Supply Requirements	+5V, -5V
Operating Temperature Range	-55° to +125°C

Options Available

- Alternate Configurations
- Isolations to 80 dB
- Alternate Power Supplies
- Faster Speeds
- Extended Frequency Range
- Custom Screening

