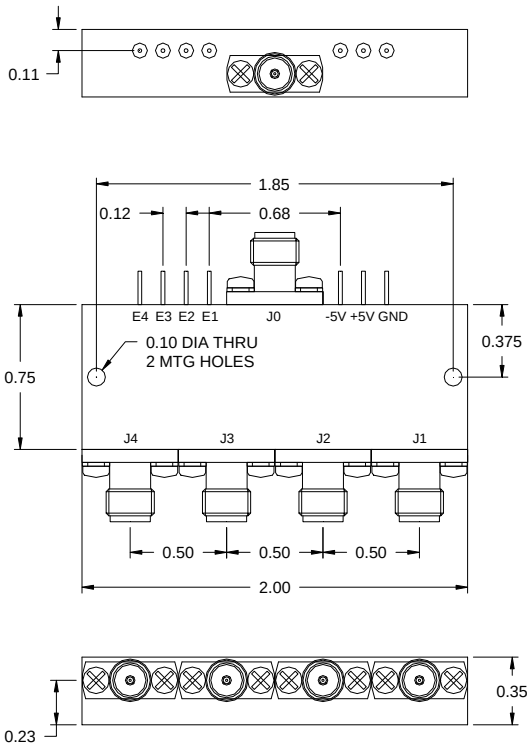
S41227 12 – 27 GHz SP4T Switch

FEATURES

- ❖ DC Blocks at All RF Ports
- ❖ Convenient In-line Structure
- ❖ Operates at ±5V DC
- ❖ TTL Compatible Logic

SPECIFICATIONS

12 – 27 GHz SP4T Reflective and Absorptive Switch		
Parameter	**Reflective**	**Absorptive**
Model Number	S41227	N/A
Frequency Range	12 – 27 GHz	N/A
Insertion Loss	3.9 dB Max.	N/A
Isolation	30 dB Min.	N/A
Input VSWR	1.90:1 Max.	N/A
Output VSWR @ ON Status	1.90:1 Max.	N/A
Output VSWR @ OFF Status	N/A	N/A
Switching Speed	200 ns Max.	N/A
Survival RF Power	0.2 Watt CW Max.	N/A
DC Supply	±5V	N/A
RF Connector Type	2.92 mm Female	N/A
DC & Control	Solder PIN; TTL “0”=low loss, TTL “1”=isolation	



Note:
E1 Controls J0 - J1
E2 Controls J0 - J2
E3 Controls J0 - J3
E4 Controls J0 - J4

Design to meet the following environmental ratings:
1. Operating Temp: -55°C to +85°C
2. Storage Temp: -65°C to +125°C
3. Shock: MIL-STD-202F, M213, Cond B
4. Altitude: MIL-STD-202F, M105, Cond B
5. Vibration: MIL-STD-202F, M204, Cond B
6. Temp. Cycle: MIL-STD-202F, M107D, Cond A
7. Humidity: MIL-STD-202F, M103, Cond B