



Narrow Band SP3T

FEATURES

- ❖ Low Insertion Loss
- ❖ Low VSWR
- ❖ High Isolation
- ❖ TTL Compatible Logic
- ❖ Miniaturized Package Available
- ❖ Wide Operating Temperature Range

SPECIFICATIONS

| Narrow Band SP3T | | | | | | | |
|------------------|-----------------------|---------------------|----------------|------------|-------|------------|----------------|
| Model Number | Frequency Range (GHz) | Insertion Loss (dB) | Isolation (dB) | Speed (ns) | VSWR | Type (R/S) | Outline Figure |
| S3A0809-100T100 | 0.8-0.9 | 0.7 | 100 | 100 | 1.3:1 | A | 1 |
| S3A56-100T100 | 5-6 | 1.1 | 100 | 100 | 1.4:1 | A | 2 |
| S3A1011-90T20 | 10-11 | 1.4 | 90 | 20 | 1.5:1 | A | 3 |
| S3A1415-90T100 | 14-15 | 2.3 | 90 | 100 | 1.6:1 | A | 3 |
| S3R2022-80T100 | 20-22 | 3.2 | 80 | 100 | 1.7:1 | R | 4 |
| S3R2931-60T100 | 29-31 | 3.5 | 60 | 100 | 1.9:1 | R | 4 |
| S3R3740-50T100 | 37-40 | 4.0 | 50 | 100 | 2.1:1 | R | 4 |

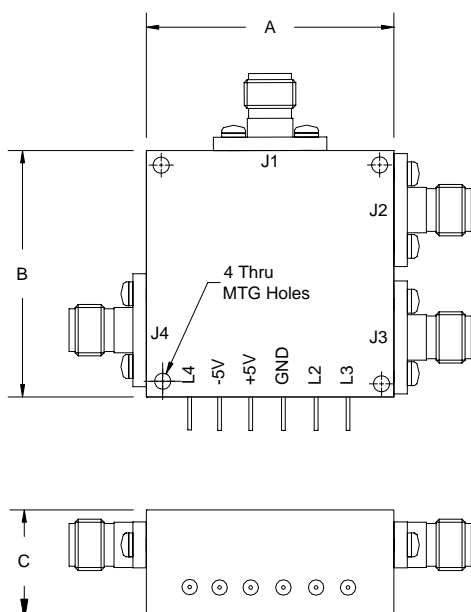
Note 1. Type R is for Reflective switches and type A is for Absorptive switches.

Note 2. DC requirement: ± 5 V at 75 mA

Note 3. Miniaturized or customer outline package available on request.

Note 4. Other customer electrical specification available on request.

Note 5. TTL compatible logic control, Logic "0" J1-J2 on, "1" J1-J3 on.



| Outline | | | |
|---------|----------|----------|----------|
| Figure | A (inch) | B (inch) | C (inch) |
| 1 | 2.4 | 1.2 | 0.7 |
| 2 | 1.8 | 1.2 | 0.6 |
| 3 | 1.6 | 1.2 | 0.6 |
| 4 | 1.6 | 1.2 | 0.5 |