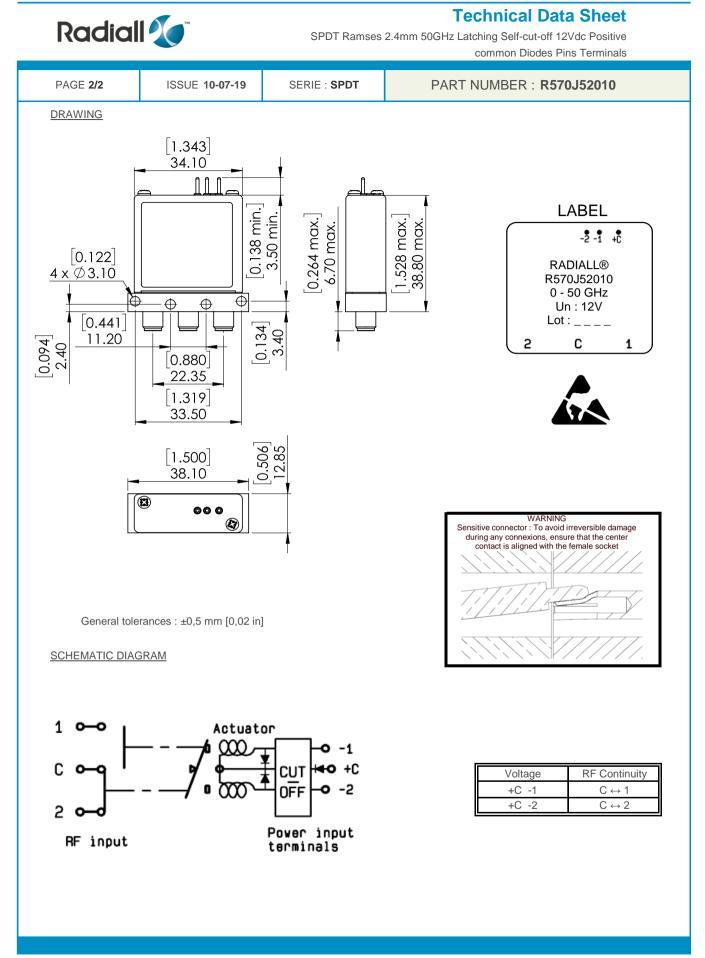
| Radiall | |
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Technical Data Sheet

SPDT Ramses 2.4mm 50GHz Latching Self-cut-off 12Vdc Positive common Diodes Pins Terminals

| PAG | AGE 1/2 ISSUE 10-07-19 SERIE : SF | | | : SPDT | PART NUMBER : R570J52010 | | | | | |
|------------------------------|--|---|---------------|----------|---------------------------------|--------------|------------|---------|------|--|
| | | | | | | | | | | |
| RF CF | HARACTERI | <u>STICS</u> | | | | | | | | |
| | Eroquonev r | 2000 | | | 0 - 50 GHz | | | | | |
| Frequency range Impedance | | | | | 50 Ohms | | | | | |
| | | | | | | | | | | |
| [| Frequency (| GHz) | DC - 6 | 6 - 12.4 | 12.4 - 18 | 18 - 26.5 | 26.5 - 40 | 40 - 50 | | |
| VSWR max | | 1.30 | 1.40 | 1.50 | 1.70 | 1.90 | 1.90 | | | |
| | Insertion los | s max | 0.30 dB | 0.40 dB | 0.50 dB | 0.70 dB | 0.80 dB | 1.10 dB | | |
| Isolation min | | 70 dB | 60 dB | 60 dB | 55 dB | 50 dB | 50 dB | | | |
| | Average pov | ver (*) | 80 W | 60 W | 50 W | 20 W | 10 W | 5 W | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| ELEC. | TRICAL CHA | RACTERIST | TICS | | | | | | | |
| | | | | | | | | | | |
| | Actuator | | | | | | | | | |
| | Nominal curr Actuator volt | | | | 210 mA 12V (10.2 to | 13\/\ / 0001 | | ON | | |
| | Terminals | age (vcc) | | | solder pins | | | UN | | |
| | Self cut-off t | me | | | 40 ms < CT | - | / 30 Sec.) | | | |
| | | inc | | | 40 1113 < 01 | < 120 113 | | | | |
| | Connectors : 2.4mm female (Accoding to IEEE STD 287) | | | | | | | | | |
| | Life | | | | : 2 million cycles | | | | | |
| | Switching Time*** | | | : <10 ms | | | | | | |
| Construction | | | : Splashproof | | | | | | | |
| | Weight | | | : | < 45 g | | | | | |
| ENVIF | RONMENTAL | CHARACTE | ERISTICS | | | | | | | |
| | | | | | | | | | | |
| | Operating temperature range | | | | : -25°C to +70°C | | | | | |
| | Storage tem | perature rang | ge | : | -40°C to +85 | 5°C | | ROH | 8 | |
| | | | | | | | | | | |
| (* | Average nov | ver at 25°C n | er RF Path) | | | | | |).•) | |
| | At 25° C ±10 | erage power at 25°C per RF Path) 25° C ±10%) | | | | | | 6 | ×~ | |
| | | | | | | | | MPL | r/ | |
| ` | | J . , / | | | | | | | | |
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