

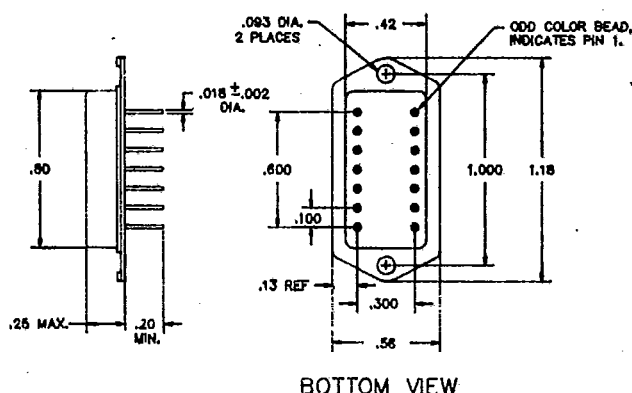
OS-1055



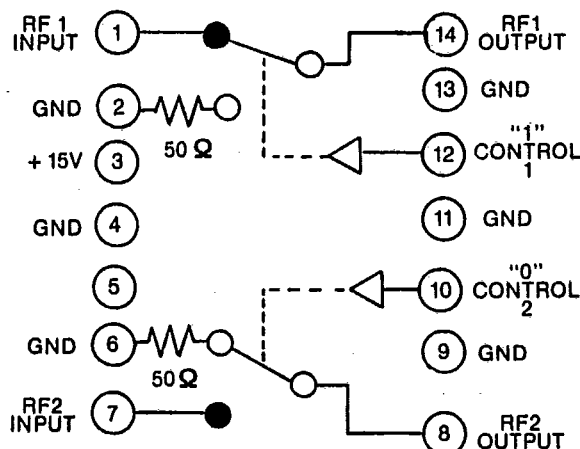
100 to 500 MHz DUAL SPST Solid State RF Switch

- 50Ohm Termination (non-reflective)
- Low Insertion Loss
- TTL Control
- Excellent Stability Over Temperature
- Hermetic Enclosure
- High Speed Switching

Outline Drawing



Schematic Diagram



Absolute Maximum Ratings

Ambient Operating Temperature-54°C to + 100°C
Storage Temperature-65°C to + 125°C
Maximum DC Voltage..... +17 Volts

Electrical Specifications @ 25°C

PARAMETER	TYP.	MIN.	MAX.
Frequency Range, MHz	---	100-500	---
Insertion Loss	1.1dB	---	1.7dB
Isolation	60dB	50dB	---
VSWR	1.3:1	---	1.6:1
Termination VSWR	1.3:1	---	1.6:1
Switching Speed	0.75usec	---	1.usec
RF Power-Operational	---	---	+10dBm
RF Power-Non-Destruct	---	---	+30dBm
DC Power +15 Volts	35ma	---	50ma

CONTROL 2 Line TTL, Load factor 1, S Series

SWITCHING CONDITIONS
LOGIC "1" =ON LOGIC "0" =OFF

Typical Performance

