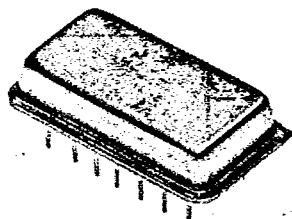


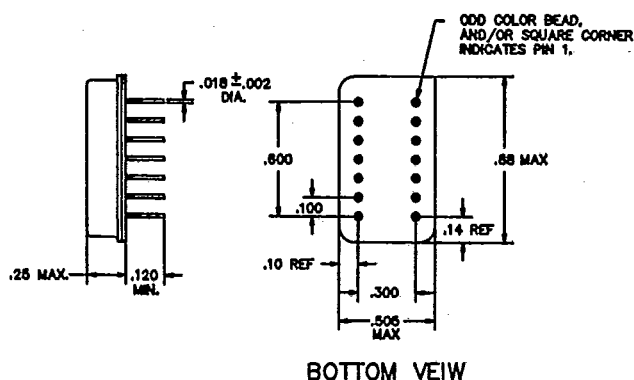
OS-1048



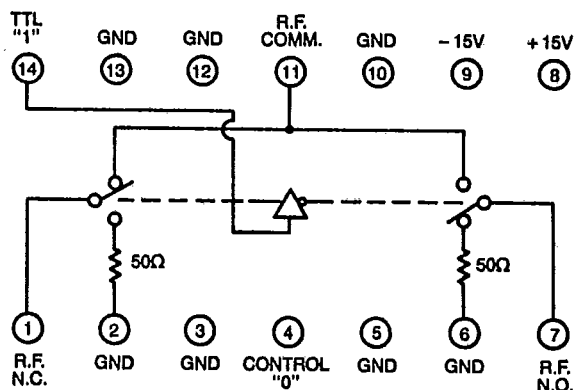
100-500 MHz SPDT Solid State RF Switch

- 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	1.2dB	---	1.5dB
Isolation	50dB	45dB	---
VSWR	1.3:1	---	1.5:1
Termination VSWR	1.3:1	---	1.5:1
Switching Speed	.5usec	---	1.usec
RF Power-Operational	---	---	+13dBm
RF Power-Non-Destruct	---	---	+30dBm
DC Power			
+15 Volts	35ma	---	50ma
-15 Volts	35ma	---	50ma

CONTROL 1 Line TTL, Load Factor 1, LS Series

SWITCHING CONDITIONS

Logic "1" = RF1 OFF; RF2 ON
Logic "0" = RF1 ON; RF2 OFF

Typical Performance

