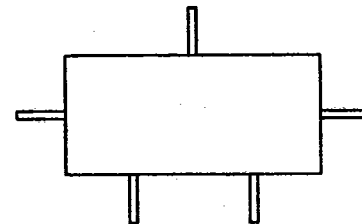


OS-1047

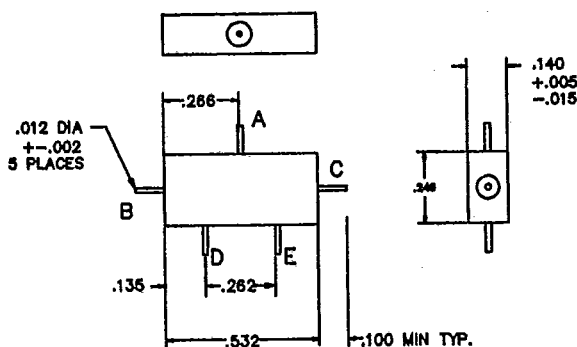
A-29-25

1 to 4.5 GHz SPDT Solid State Reflective RF Switch

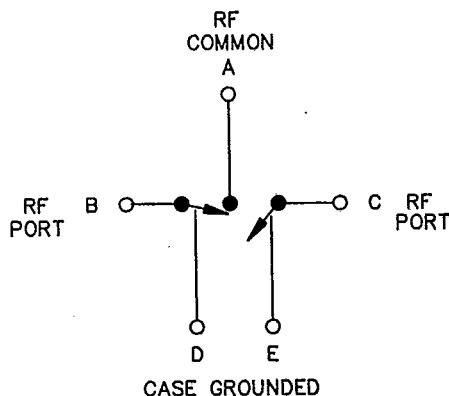
- Low Insertion Loss
- High Speed Switching
- Wide Band Operation
- Hermetic Enclosure
- Excellent Stability Over Temperature
- Miniature Package



Outline Drawing



Schematic Diagram



Absolute Maximum Ratings

Ambient Operating Temperature-54°C to + 100°C
Storage Temperature-65°C to + 125°C
Maximum DC Current -40mA

Electrical Specifications @ 25°C

PARAMETER	TYP.	MIN.	MAX.
Frequency Range, GHz	---	1-4.5	---
Insertion Loss	1.2dB	---	1.5dB
Isolation	45	40	---
VSWR	1.5:1	---	1.8:1
Switching Speed	0.5usec	---	1.0usec
RF Power-Operational	---	---	+15dBm
RF Power-Non-Destruct	---	---	+30dBm

SWITCHING CONDITIONS

ON
-35mA
~ -1.6V

OFF
0mA
+6V min, +20V Max.

NOTE: Current spiking is required for optimum switching speed.

Typical Performance

