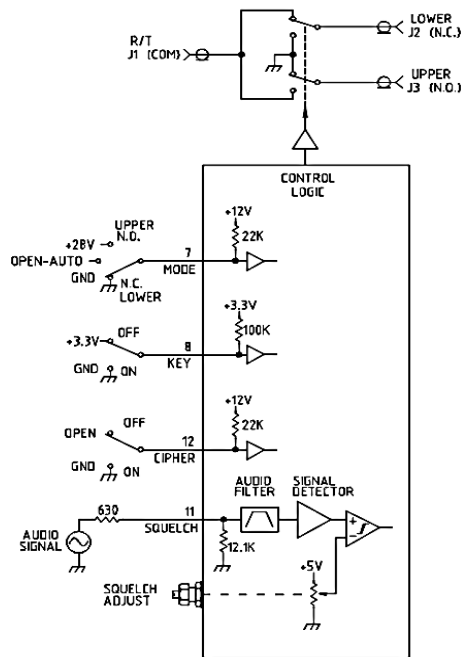


FEATURES

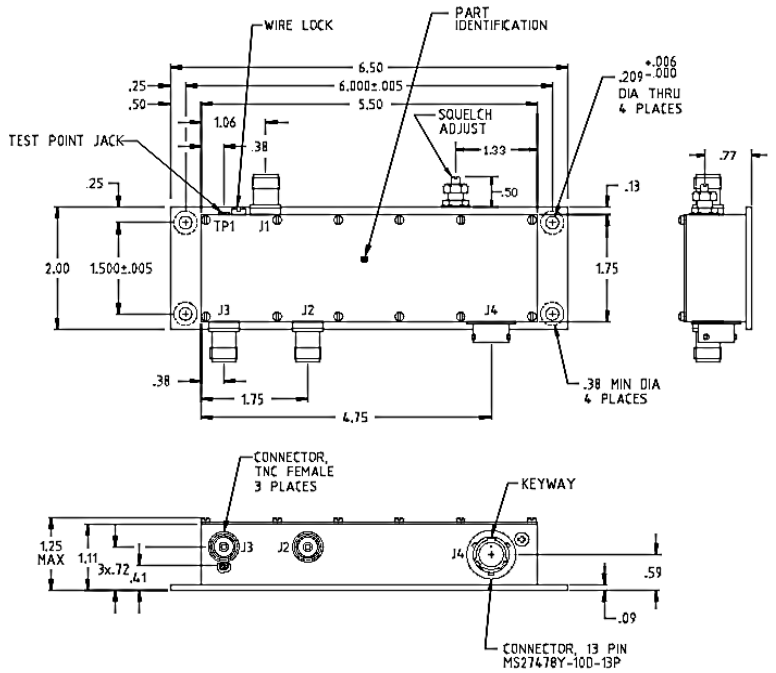
- Frequency Range: DC – 400 MHz
- Low Insertion Loss: 0.22dB
- High Isolation: 75dB
- RF Power Operating: 50dBm/100W
- VDC Supply: +28V
- Failsafe Mode to Lower Antenna
- Auto Cycle Mode between Upper & Lower Antenna
- Key Function: Memory Auto selects Antenna which last signal was received



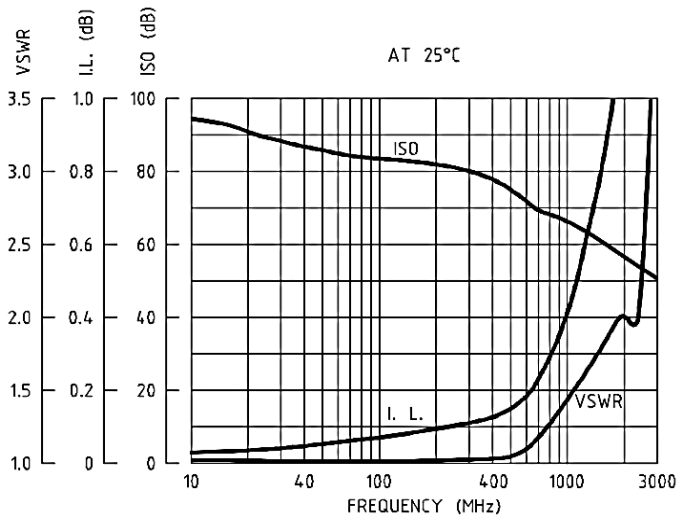
FUNCTIONAL BLOCK DIAGRAM



OUTLINE DRAWING



TYPICAL PERFORMANCE



PRODUCT SPECIFICATION

Parameter	Min	Typ.	Max.	Units	
Frequency	DC		400	MHz	
DC Current		100	150	mA	+28VDC Supply
Insertion Loss		0.22	0.5	dB	
Isolation	40	75		dB	
VSWR		1.07:1	1.25:1		
Impedance		50		Ω	
Switching Speed		2	5	msec	50% TTL to 90%/10% RF
RF Power Operating			50	dBm	Avg.
			57	dBm	Peak
Temperature	-54	+25	+71	$^{\circ}\text{C}$	Ta