



SPECIFICATIONS	STANDARD
<b>ELECTRICAL</b>	
Frequency Range	100 to 3000 MHz
3dB Relative Bandwidth (% of Fc)	1 to 40
Nominal Impedance	50 $\Omega$
Gain	10 to 40 dB
Return Loss	18 dB Typical / 14 dB minimum
Noise Figure	1.5 - 5.0 dB Typical
Number of Channels	2 to 6
Switching Speed	300 Ns Maximum
Bias	+ 10 V DC
<b>ENVIRONMENTAL</b>	
Shock	5 G's
Vibration	5 G's
Gross Leak	MIL-STD-202 Method 12 Test Condition D
Fine Leak	MIL-STD-202 Method 12 Test Condition C
Humidity	95% relative
Altitude	+/- 50,000 Feet
Temperature Range (Operating)	-40°C to + 85°C
Temperature (Non-Operating)	-54°C to + 125°C
<b>MECHANICAL</b>	
Package Style	SMA, Feed Through Pins, or SMT

\*Contact Lark Engineering for Special Configurations