

41-42 GHz Up Converter

▪ RF Output Frequency (GHz)	41 - 42
▪ LO Frequency (GHz)	9.6 – 9.9
▪ IF Input Frequency (GHz)	11.7 – 12.3
▪ LO Drive (dBm)	0 - +3
▪ Conversion Gain (dB)	40
▪ Gain Flatness (\pm dB)	± 3.0
▪ Pout at 1 dB Compression (dBm)	> +30
▪ Noise Figure (dB)	< 20
▪ Image Rejection Typical (dBc)	-65
▪ IF - RF Leakage (dBm Max)	> -50
▪ LO - RF Leakage (dBm Max)	> -40
▪ VSWR RF/LO/IF	1.5:1
▪ Supply Voltage (+ VDC)	6 \pm 0.1
▪ Supply Current (mA Max)	3000
▪ Supply Voltage (- VDC)	5 \pm 0.1
▪ RF Connector	WR-22
▪ LO & IF Connector (Female)	SMA
▪ Package Size (“)	0.6 X 1.2 x 3.64

