



# 9 – 10 GHz Transmit/Receive (T/R) Module

## Common Specifications

RF Frequency (GHz)	9.5 - 10
VSWR In/Out Typ	1.35:1
Supply Voltage (VDC)	12 ± 5 %
Connectors	SMA or Drop In
Dimension (")	2.6 x 0.59 x 0.52
Transmit Path:	
Output Power Typ (dBm)	40
Input Power Min (dBm)	14
Gain Typ (dB)	36.5
Pulse Flatness Typ (dB)	0.2
Transmit Pulse Width (µsec )	15
Transmit Duty Cycle ( % )	15
TX Amplitude Matched (dB)	± 0.5
TX Phase Matched (Degrees)	± 2.5
Receive Path:	
Single Channel Gain Typ (dB)	21.4
Gain Flatness (200 MHz Bandwidth) (dB)	± 0.5
Noise Figure Typ (dB)	3.4
Input P1 dB Typ (dBm)	-3.2
Gain Matched (dB)	± 0.5
Phase Matched (Degrees)	± 2.5
Maximum Input Power (dBm)	30

