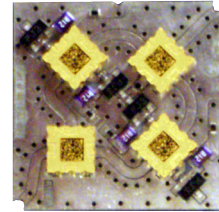


MULTI-MIX PICO[™] COMPONENTS MOUNTED ON MERRIMAC BOARD

- PRE-MOUNTED AND PRE-TESTED
- 1.93 - 1.99 GHz
- 25 dB ATTENUATION RANGE
- 360 DEGREE PHASE RANGE
- SURFACE MOUNT OR CONNECTORIZED
- LOW LOSS



GENERAL SPECIFICATIONS

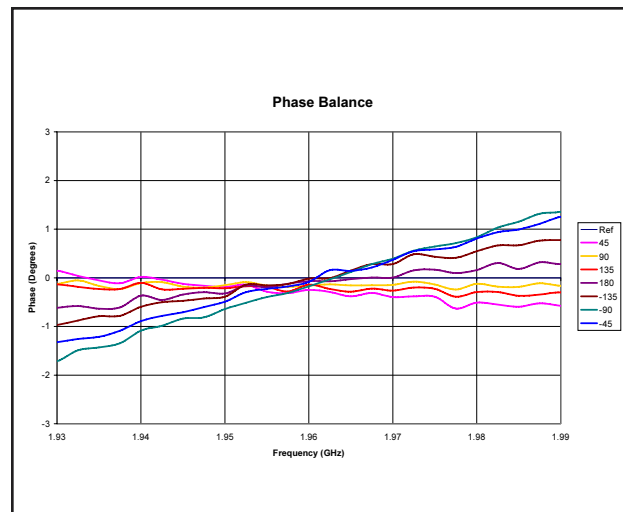
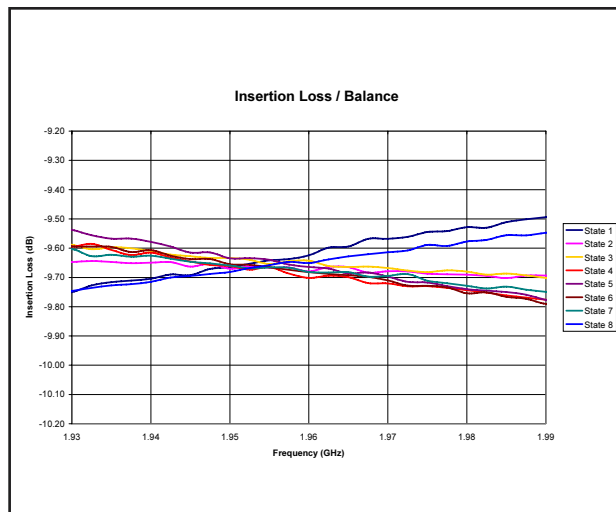
ELECTRICAL

FREQUENCY	1.93 TO 1.99 GHz
IQ CONTROL CURRENT	0 TO +45 mA
INSERTION LOSS	10 dB
VSWR	1.5:1
AMPLITUDE BALANCE	± 0.3 dB
PHASE BALANCE	± 3 Deg
ATTENUATION / PHASE RANGE	25 dB
PHASE RANGE	360 Deg
INPUT COMPRESSION POINT (1 dB)	+30 dBm
INPUT INTERCEPT POINT (2 TONE, 3RD ORDER)	+47 dBm
FOOTPRINT OUTLINE	0.8" X 0.8"

ENVIRONMENTAL

OPERATING TEMPERATURE RANGE	-55° To + 85°, C
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SIMULATED PERFORMANCE CHARTS



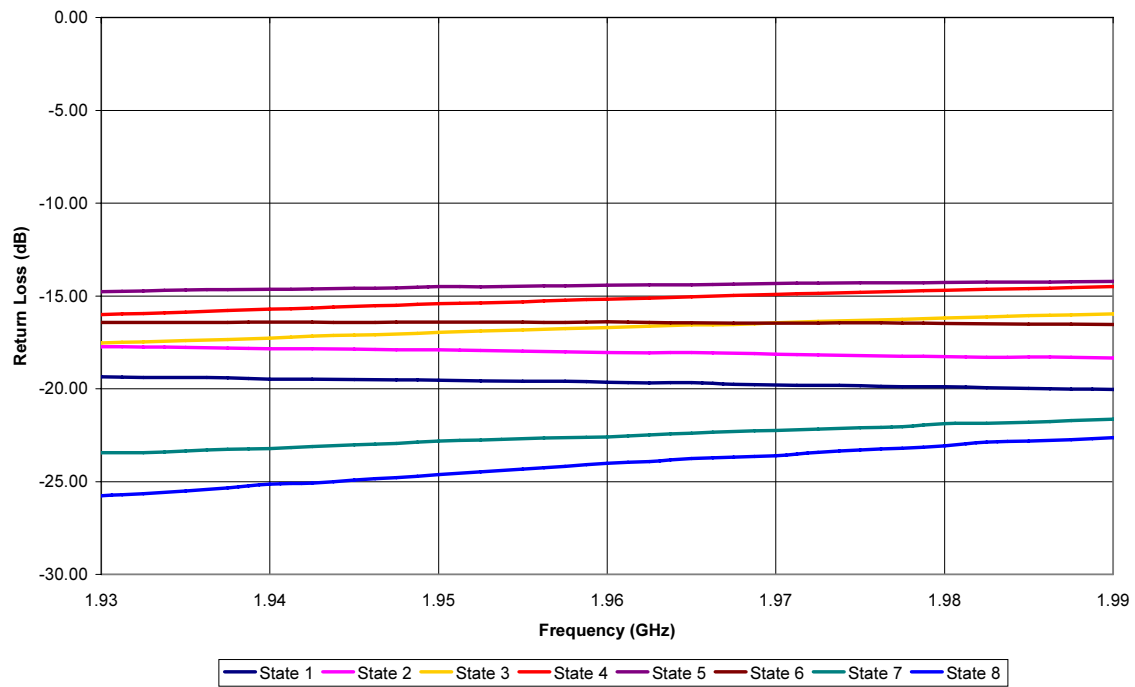
THE MULTI-MIX MICROTECHNOLOGY[®] GROUP IS ISO-9001 REGISTERED



U.S. patent 6,099,677 and other patents pending

SIMULATED PERFORMANCE CHARTS

Return Loss - RF input



Return Loss - RF output

