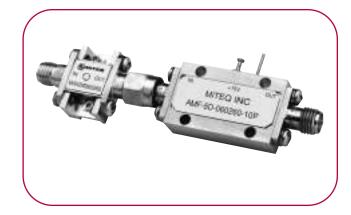
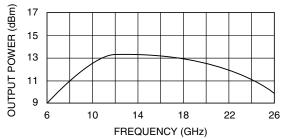
ACTIVE FREQUENCY DOUBLERS (CONT.)

MODEL: MAX2M060260

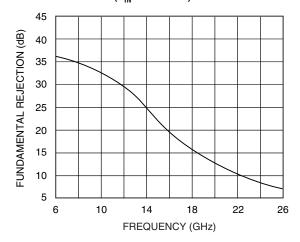
ELECTRICAL SPECIFICATIONS	
Input frequency range	3 – 13 GHz minimum
Output frequency range	6 – 26 GHz minimum
Input power range	8 – 12 dBm nominal
Conversion loss	0 dB typical
Harmonic rejection	
Fundamental	12 dB typical
Odd harmonic	15 dB typical



OUTPUT POWER VS. FREQUENCY

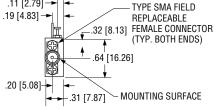


FUNDAMENTAL REJECTION VS. FREQUENCY $(P_{IN} = +10 \text{ dBm})$



OUTLINE DRAWING

MAX2C 1.07 [27.18] -.73 [18.54] RF OUTPUT-.49 [12.45] .070 [1.78] DIA. MOUNTING HOLES GROUND DC POWER .43 [10.92] (TYP. 2 PLACES) _ .16 [4.06] .11 [2.79]. / _.070 [1.78] .28 [7.11] .70 .480 1 [17.78] [12.19] .500 [12.70] .27 [6.86] - .100 [25.4] DIA. MOUNTING HOLES (TYP. 4 PLACES) 131218 REF .210 [5.33] -**RF INPUT** .654 [16.61] -121623-5 REF. - 2.19 [55.63] .11 [2.79] TYPE SMA FIELD



NOTE:

1. All dimensions shown in brackets [] are in millimeters.