

SPECIFICATIONS

RF Input (each channel)

Input Impedance 50 Ohms
Power Input -5 dBm nominal, +5 dBm Max
Connector SMB Male

RF Output (each channel)

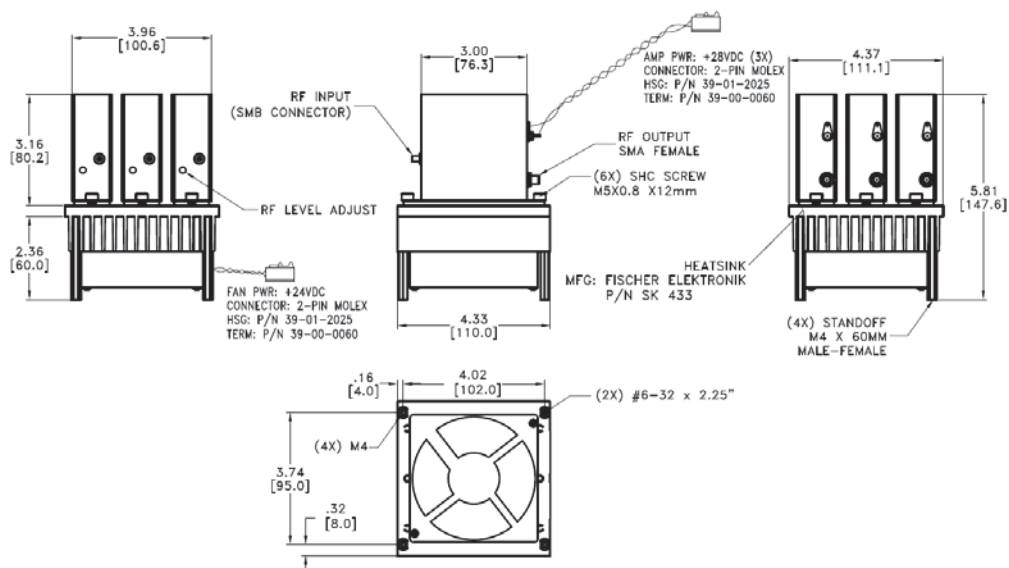
Output Power @ 220 MHz 2.5 W
Rise/Fall Time 5 nsec typical
RF Bandwidth +/-30MHz
2nd Harmonic Distortion @ 220 MHz -20 dBc Max
3rd Harmonic Distortion @ 220 MHz -15 dBc Max
Output Impedance 50 Ohms
Output VSWR @ 220 MHz 1.5 : 1 Max
Output VSWR over Bandwidth 2.0 : 1 Max
RF Level Adjustment Range 15 dB
Output Connector SMA Female

System Specifications

Power Supply Voltage +28 V @ 3 A
Operating Temperature Range 0 < Ta < 70° C
Number of Channels 3

1. Output power factory set to 2.5 W with -5 dBm single tone input at 220 MHz. Power stability less than 5% over the heat sink's ambient temperature range of 0 - 70° C, after 5 minute warm-up.

OUTLINE DRAWING



Document

03/26/19

Control

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TOLERANCES: .XX ± .01 .XXX ± .005	DR	Geri Scholz 3/19/2019			
MATERIAL: 	CHK		AODR MC220 RFHIC AMP 3CH, 220MHz		
FINISH: 	APP				
	APP		PART NUMBER: 97-03352-03	REV: 1	1 of 1

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