

SPECIFICATIONS

RF Input (each channel)

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

RF Output (each channel)

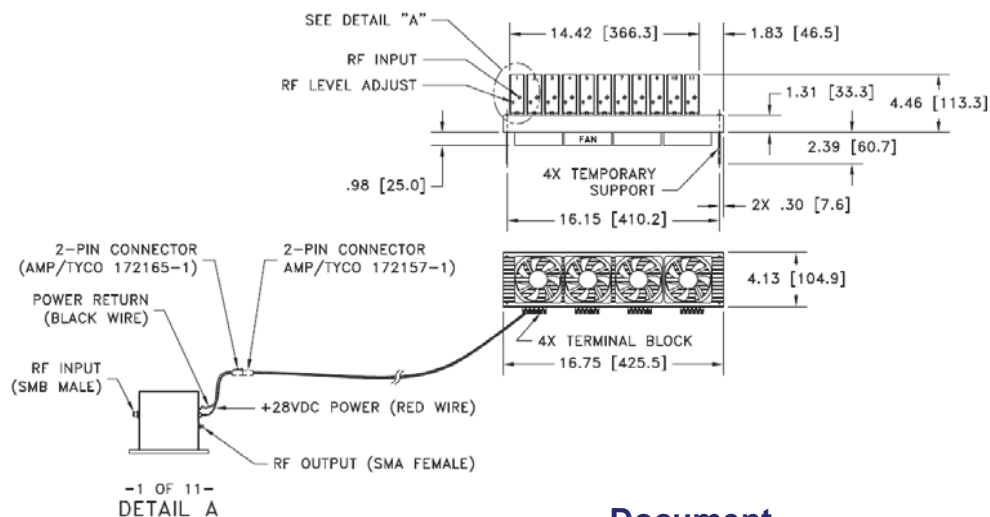
Output Power @ 220 MHz	2.5 W
Rise/Fall Time	11 nsec typical
RF Bandwidth	+/-30MHz
2nd Harmonic Distortion @ 220 MHz	-20 dBc Max
3rd Harmonic Distortion @ 220 MHz	-15 dBc Max
Output Impedance	50 Ohms
Output VSWR @ 220 MHz	1.5 : 1 Max
Output VSWR over Bandwidth	2.0 : 1 Max
RF Level Adjustment Range	15 dB
Output Connector	SMA Female

System Specifications

Power Supply Voltage	+28 V @ 9.7 A
Operating Temperature Range	0 < Ta < 70° C
Number of Channels	11

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.
2. Each separate channel module includes a 2-pin connector pigtail for the power connection. Power is supplied by mating with a 2-pin connector attached to one of the unit's four terminal blocks.

OUTLINE DRAWING



Document

09/11/20

Control

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TOLERANCES: .XX ± .01 .XXX ± .005	DR	TOM NG 9/2/2020	Gooch & Housego		
MATERIAL:	CHK		DESCRIPTION: AODR MC220 RFHIC		
FINISH:	APP		AMP MODULE 11CH, 220MHz		
	APP		PART NUMBER: 97-02903-06	REV: A	1 of 1

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