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**Development Specification
for
4W Final Amplifier for MR803P-CE/TR**

Issue	Change	Date	Name	Approved
A	Initial Release	27.11.00	Mederle	
B	Changed ICP3 & Gain	23.01.01	Mederle	

Detailed description of changes

Revision :	A	Initial Release
	B	Changed the values of ICP3 and Gain

ID: 155191	
Final-Amp. for MR803P-CE/TR	
Frequency Range Uplink	806-849MHz
Frequency Range Downlink	851-894MHz
Bandwidth	43Mhz
Nominal Gain at ambient (CF)	29,5dB
Gain Variation over Frequency	$\pm 0,3\text{dB}$
Gain Variation over Temp.	$\pm 1,5\text{dB}$
ICP3 Output	51dBm min
Psat	37dBm typ.
Return Loss Input	15dB min
Return Loss Output	15dB min
Nominal Impedance	50 Ohm
Current Consumption	12,5V=2,5A $\pm 0,2\text{A}$
Mech. Dwg.	G0719Z0F
Main DC-Connector	
Pin 1	ALC_set_value
Pin 2	NC
Pin 3	NC
Pin 4	NC
Pin 5	NC
Pin 6	NC
Pin 7	NC
Pin 8	NC
Pin 9/10	NC
Pin 11/12	GND
12V Connector	
Pin 1	12,5V
Pin 2	12,5V
Environmentol Specifications	
Operating Temperature Range	From -33° to +75°
See environmental Data Sheet	Outdoor use envsaf.doc