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**Development Specification
for
4W Final Amplifier for MR703P-ADB
MR703-EFC
MR703-DBEF**

Issue	Change	Date	Name	Approved
A	Initial Release	16.10.00	Mederle	

Detailed description of changes

Revision : A Initial Release

ID: 154737	
Final-Amp. for MR703P-ADB/EFC/DBEF	
Frequency Range Uplink	1850-1910Mhz
Frequency Range Downlink	1930-1990Mhz
Bandwidth	60Mhz
Nominal Gain at ambient (CF)	28,5dB
Gain Variation over Frequency	$\pm 0,3\text{dB}$
Gain Variation over Temp.	$\pm 1,5\text{dB}$
ICP3 Output	49dBm min
Psat	36dBm typ.
Return Loss Input	15dB min
Return Loss Output	14dB 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