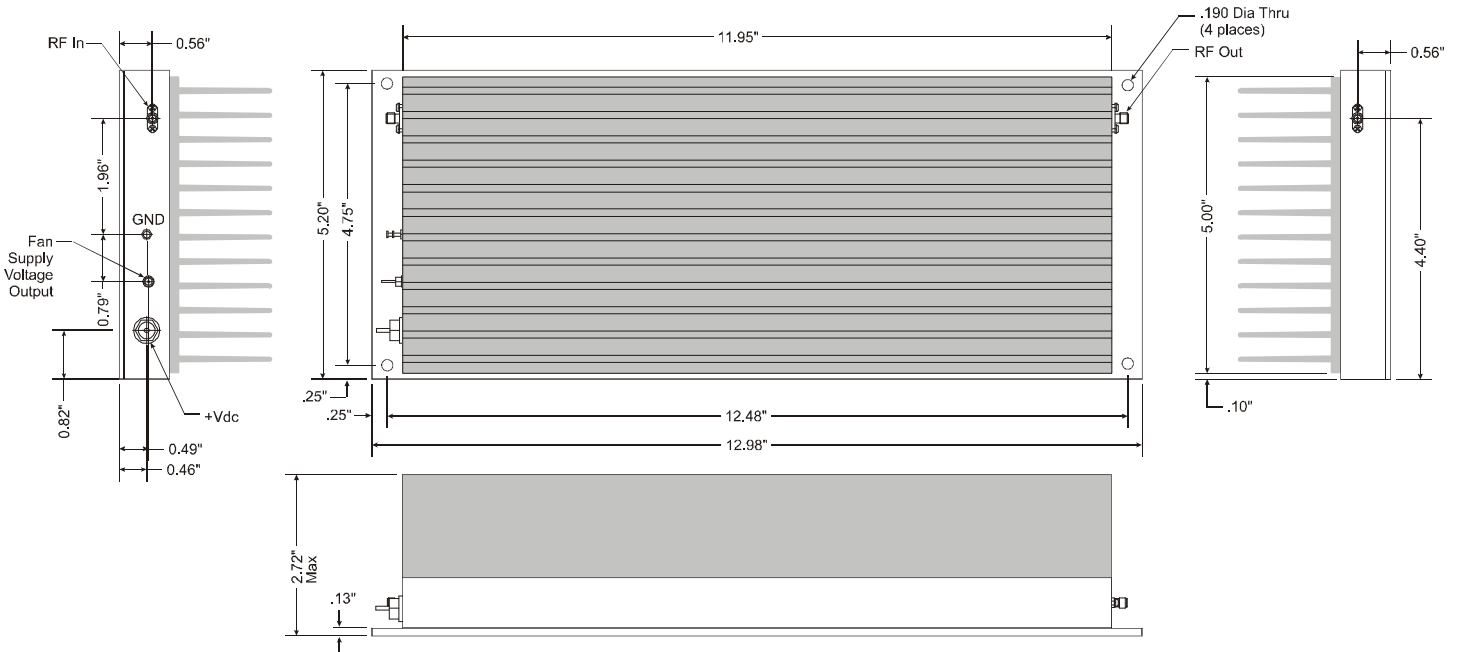


QBS-459

- **800-960 MHz frequency band**
- **32 Watt CDMA**
- **Ultra Linear**
- **P1dB 60 dBm**

Parameters	Guaranteed	Guaranteed	Units
	25°C	+0 to +85°C	
Frequency range	800 - 960		MHz
Small signal gain	49.0		dB
Gain vs. temperature			dB Max
Gain flatness	0.5		dB Max p-p
Reverse isolation	70		dB Min
VSWR Input	1.6:1		Max
Output	1.6:1		Max
1 dB compression	+45		dBm Min
Output intercept point	+60		dBm Min
3rd Order		dBm Min	
2nd Order			dBm Min
Noise figure	2.5		dB Max
DC supply voltage*	15		Vdc
DC supply current			mA Max
Gain vs. Vdc			dB/Volt Max
Package/Housing	(E52-)		

*all specification ratings are based on DC supply voltage \pm 1%



ABSOLUTE MAXIMUM RATINGS

Power supply voltage	
Sustaining	Vdc
Pulse (transient)	Vdc
Temperature	
Operating	to °C
Storage	-40 to +85°C
Thermal rise, junction-to-case	+85°C