High IP3

Low Noise Amplifier

50Ω 650 to 1200 MHz

NEW!

ZRL-1200



BLUE CELL™

CASE STYLE: FJ893
PRICE: $119.95 ea. QTY (1-9)

Maximum Ratings

Operating Temperature	-40°C to 80°C case
	-40°C to 60°C ambient
Storage Temperature	-55°C to 100°C
DC Voltage	+17V max.

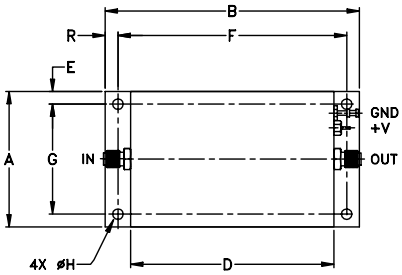
Features

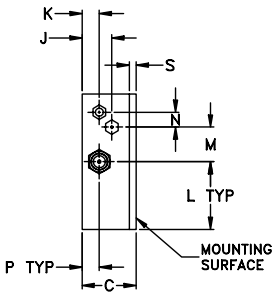
- high IP3, +46 dBm typ.
- low noise figure, 2.0 dB typ.
- broadband flat gain response
- internal voltage regulated
- over voltage and transient protected

Applications

- low noise, high dynamic range
- analog/digital cellular
- PCS, GSM, TDMA, CDMA
- UHF television
- driver amplifier

Outline Drawing





Outline Dimensions (inch / mm)

A	B	C	D	E	F	G	H	J
2.00	3.75	.80	3.00	.19	3.374	1.624	.156	.44
50.80	95.25	20.32	76.20	4.83	85.70	41.25	3.96	11.18

K	L	M	N	P	Q	R	S	wt.
.26	1.00	.51	.22	.26	—	.19	.10	grams
6.60	25.40	12.95	5.59	6.60	—	4.83	2.54	135

Electrical Specifications (T_{AMB}=25°C)

FREQ. RANGE (MHz)	GAIN (dB)				NOISE FIGURE (dB)		MAXIMUM POWER (dBm)			INTER-CEPT POINT	VSWR (:1) Typ.		DIRECTIVITY (dB)	DC POWER	
			Flatness				Output (1 dB Comp.)		Input (no damage)	IP3 dBm Typ.*				Volt[1]	Max. Current
f_L - f_U	Typ.	Min.	Typ.	Max.	Typ.	Max.	Typ.	Min.		Typ.	In	Out	Typ.	Typ.	(mA)
650-1200	**27.5**	**25**	**±0.6**	**±1.0**	**2.0**	**3.0**	**24.3**	**23.5**	**+10**	**46**	**1.20**	**1.25**	**18**	**12**	**550**
800-950	28	26	±0.4	±0.8	2.0	3.0	24.3	23.5	+10	46	1.20	1.20	18	12	550

* 1MHz tone spacing
[1] Other voltages available in the 6.5 to 17V range, please contact factory.

