

# Wideband Amplifier

# ZX60-ED11699C/2

### Important Note

This model has been designed, built and tested in our engineering department. Performance data represents model capability. At present it is a non-catalog model. On request, we can supply a final specification sheet, part number and price/delivery information.



CASE STYLE : GA955

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| ELECTRICAL SPECIFICATIONS 50Ω @ +25°C |         |      |      |       |
|---------------------------------------|---------|------|------|-------|
| Parameter                             | Min.    | Typ. | Max. | Units |
| Frequency                             | 500     |      | 2000 | MHz   |
| Gain                                  |         | 18.5 |      | dB    |
| Output Power @ 1dB Compression        |         | 19.6 |      | dBm   |
| Noise Figure                          |         | 4.0  |      | dB    |
| IP3*                                  |         | 35   |      | dBm   |
| VSWR                                  | IN      | 1.20 |      | (:1)  |
|                                       | OUT     | 1.40 |      | (:1)  |
| DC Power                              | Voltage | 12   |      | V     |
|                                       | Current |      | 130  | mA    |

\*Two tones, spaced 1MHz apart, 8 dBm/tone at output

| MAXIMUM RATINGS       |                |
|-----------------------|----------------|
| Operating Temperature | -40°C to 85°C  |
| Storage Temperature   | -55°C to 100°C |
| Input Power           | 13 dBm         |
| DC Voltage            | 13V            |