

**Dual GSM Amplifier
xxx Band, 25 Watts Peak Power
PART NUMBER: BW-xxxx-22-15**

Parameter	Specifications
Frequency (xxxx), MHz	0806: 791-821 MHz 0881: 869-894 MHz 0942: 925-960 MHz 1842: 1805-1880 MHz 2140: 2110-2170 MHz 2655: 2620-2690 MHz
Pout, each side	41.5 dBm (15 Watts)
Peak Power, each side	43 dBm
ACP Edge Tone	<-40 dBc @ 400 KHz <-62dBc @ 600kHz
IMD, GSM 15 Watt each side	-65 dBc
RF Gain	22 ± 0.5 dBm, adj
RF Gain over freq range	± 0.5 dB
RF Gain vs. temp.	± 0.5 dB
DC Current @ 28V	3.0 A max at 30W avg RF power (15W each side)
Operating Temperature	-30°C to + 80°C Base Plate Temperature
Cooling	Thru Base Plate
Package	P-4060
Connectors	sma female for RF 9pin D-Sub female, 10pin Molex 0428202222 for DC power, I2C control lines
Harmonics	<-45 dBc
Input/Output Return Loss	18 dB min. (50 ohms)

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Package Drawing

