

15 dB Gain Block Amplifier Operating From 10 MHz to 3 GHz with 12 dBm and SMA

Electrical Specifications (TA = +25°C, DC Voltage = 18Volts, DC Current = 40mA)

Description	Min	Typ	Max	Unit
Frequency Range	0.01		3	GHz
Small Signal Gain		15		dB
Output at 1 dB Compression Point		12		dBm
Output 3rd Intercept Point	10.5			dBm
Noise Figure		4		dB
Operating DC Voltage	7		18	Volts
Operating DC Current		40		mA



Compliance Certifications (visit www.FairviewMicrowave.com for current document)

Plotted and Other Data

Notes:

- Values at 25 °C, sea level

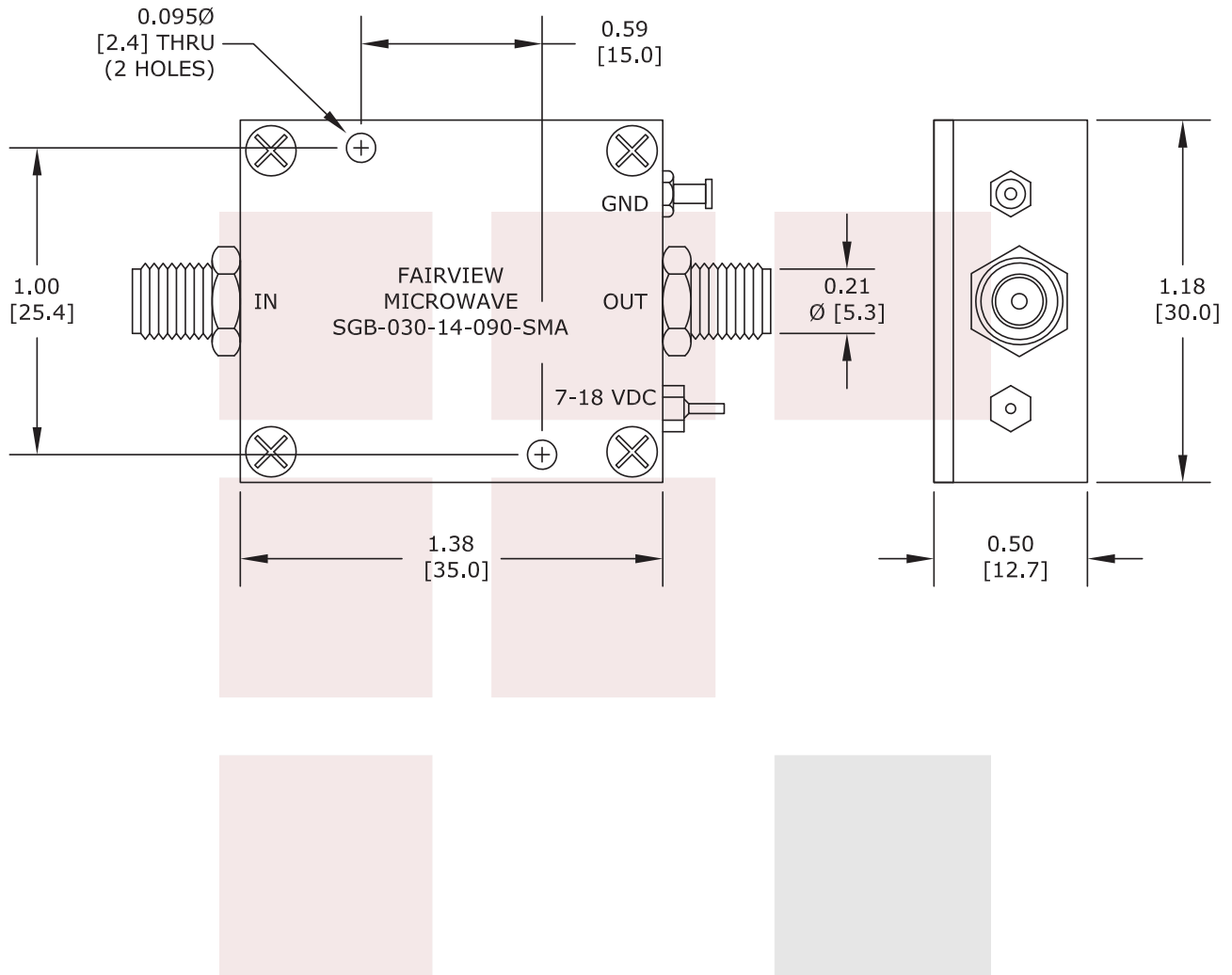
15 dB Gain Block Amplifier Operating From 10 MHz to 3 GHz with 12 dBm and SMA from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [15 dB Gain Block Amplifier Operating From 10 MHz to 3 GHz with 12 dBm and SMA SGB-030-14-090-SMA](http://www.fairviewmicrowave.com/50-ohm-sma-amplifier-10-mhz-3-ghz-14.5-db-gain-sgb-030-14-090-sma)

URL: <http://www.fairviewmicrowave.com/50-ohm-sma-amplifier-10-mhz-3-ghz-14.5-db-gain-sgb-030-14-090-sma-p.aspx>

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Fairview Microwave reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Fairview Microwave does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Fairview Microwave does not assume any liability arising out of the use of any part or documentation.

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FAIRVIEW MICROWAVE INC. ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM		NOTES: 1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL. 2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME. 3. DIMENSIONS ARE IN INCHES [mm].			
TITLE 15 dB Gain Block Amplifier Operating From 10 MHz to 3 GHz with 12 dBm and SMA		DWG NO SGB-030-14-090-SMA		CAGE CODE 3FKR5	
CAD FILE	061814	SHEET	SCALE	N/A	SIZE A 2233