The **MP1600/200/02SK-A** is a broadband of 1500-1700 MHz amplifier. It employs linear GaN power devices that provide high efficiency, ample output power, wide dynamic range, and high gain.

PHOTO NOT AVAILABLE

Model: MP1600/200/02SK-A

1. Electrical Characteristics

Item	Value	Note
Frequency Range	1500 ~ 1700 MHz	
Power Gain	33 (Min.)	Pout @ +33 dBm
Gain Flatness	± 0.5 dB (Max.)	Pout @ +33 dBm
Gain Variation	± 1.0 dB	Over Temperature Range
Output Psat	+34 dBm (Min.)	
Input VSWR	1.3:1 (Max.)	
HPA Enable/Disable	TTL "Low or Open " ⇒ Enable TTL "High" ⇒ Disable	# 4-40 Feedthru
HPA Switching ON/OFF Speed	5 µSec	Including Delay
Harmonics	-35 dBc (Max.) / -40 dBc (Typ.)	Pout @ +33 dBm
DC Input Voltage / Current	+12 VDC / 0.4 A (Max.)	DC Input Voltage / Current @ Pout @ +33 dBm CW
Input /Output Impedance	50 Ω	
Capable of Handling VSWR	6:1	
Input Max. without Damage	+ 10 dBm	

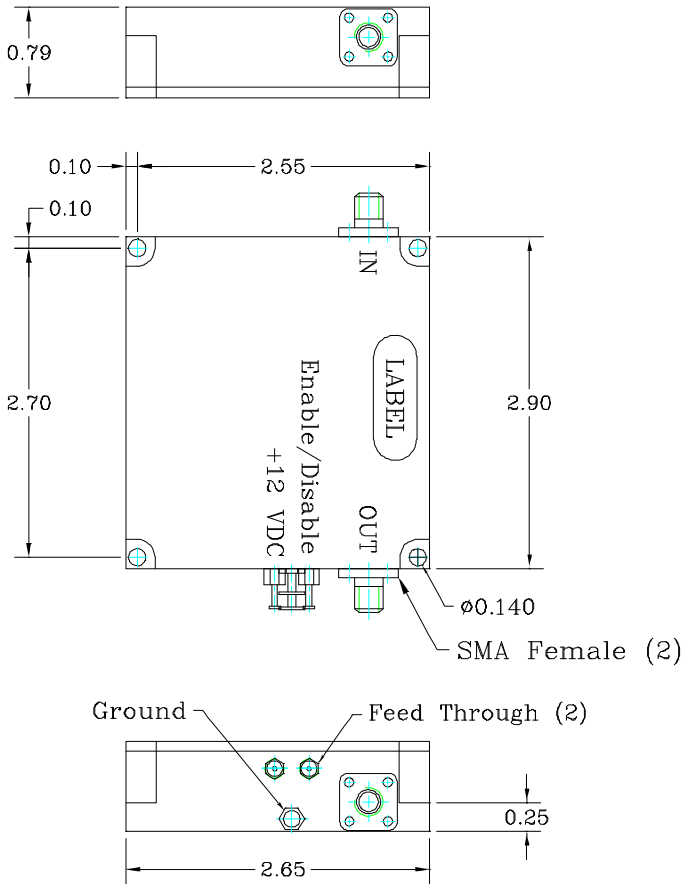
2. Mechanical Characteristics

RF IN/OUT Connector	SMA 4 Hole –Female	
DC Input	#8 Feed-thru	
Enable/Disable	#8 Feed-thru	
Dimensions	2.9" x 2.65" x 0.79"	
Weight	0.25 lb	

3. Environment Characteristics

Operating Temperature	-20°C ~ +80°C	Base Plate

4. Outline Drawing



Revision History			
REV	**Reason to Change**	**Date**	**Initialed by**

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