



CORRY MICRONICS, INC

# PRODUCT SPECIFICATION

## CMIPA-L25P20

## 2570-2620 MHz LTE-TDD SOLID STATE HIGH POWER AMPLIFIER

### Electrical Specifications

Parameters	Specifications
Operating Frequency	2570-2620MHz
Signal Type	LTE-TDD, PAR 8dB
Output power	$\geq 43\text{dBm}$
ACLR	$\leq -40\text{dBc}$
TX gain	$\geq 50\text{dB}$
Transmit gain flatness	$\leq \pm 0.6\text{dB}$
Transmit Input return loss	$\leq 1.5$
RX NF	$\leq 3\text{dB}$
RX gain	$\geq 25\text{dB}$
Receive gain flatness	$\leq \pm 0.6\text{dB}$
Receive Input return loss	$\leq 2$
Switch time	$\leq 2\mu\text{s}$
Power Supply	+28V

### Environmental Specifications

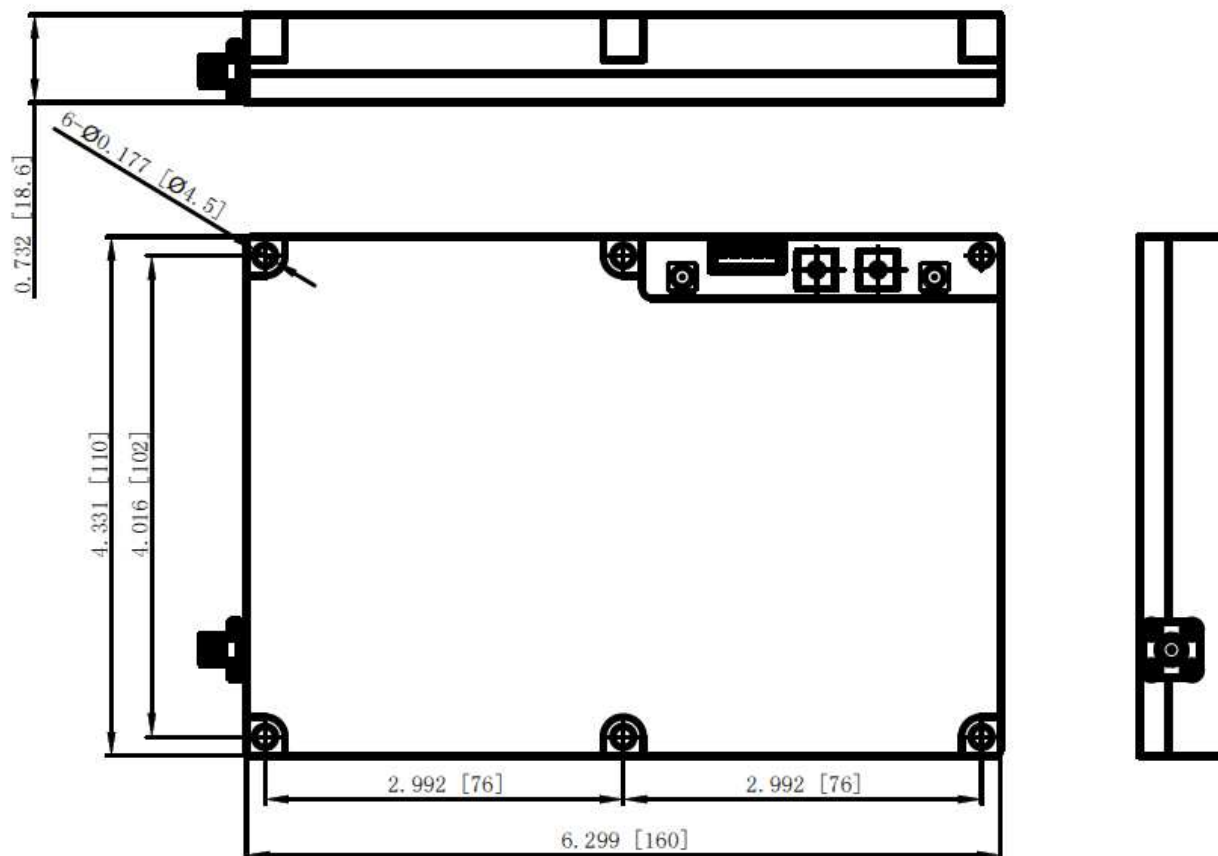
- ✧ Environment Temp.:  $0^{\circ}\text{C} \sim +50^{\circ}\text{C}$
- ✧ Humidity: 5%RH~96%RH
- ✧ Atmospheric Pressure: 70kPa~106kPa

**CALL OUR SALES DEPARTMENT FOR MORE INFORMATION OR VARIATIONS OF THIS PRODUCT.**

**Corry Micronics, Inc. One Plastics Rd. - Corry, PA 16407**  
**(724) 940-7556 ext. 138 Fax (724) 940-7707 [www.cormic.com](http://www.cormic.com)**

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## Dimensions (inches)



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