



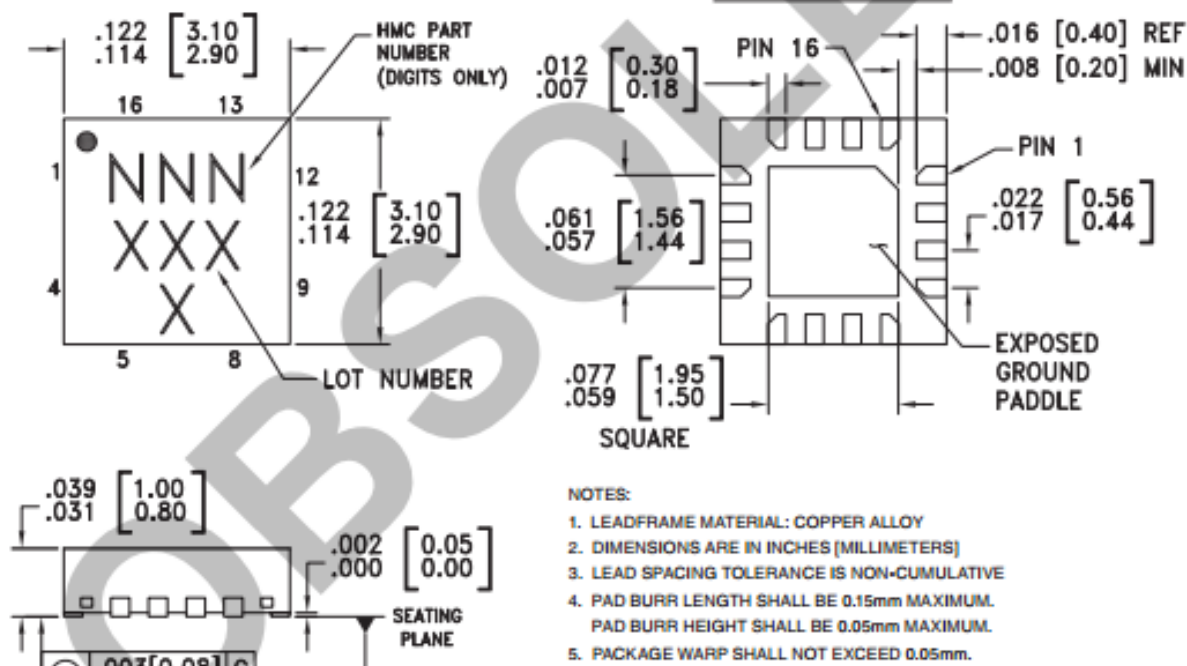
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**1 dB LSB GaAs MMIC 4-BIT DIGITAL  
POSITIVE CONTROL ATTENUATOR, DC - 5.5 GHz**

ELECTROSTATIC SENSITIVE DEVICE  
OBSERVE HANDLING PRECAUTIONS

RF Input Power (DC - 5.5 GHz)	+29 dBm (T = +85 °C)
Control Voltage Range (V1 to V4)	-1V to Vdd +1V
Bias Voltage (Vdd)	+7.0 Vdc
Channel Temperature	150 °C
Continuous P <sub>diss</sub> (T = 85 °C) (derate 11.7 mW/°C above 85 °C)	0.769 W
Thermal Resistance	85 °C/W
Storage Temperature	-65 to +150 °C
Operating Temperature	-40 to +85 °C

**BOTTOM VIEW**



NOTES:

1. LEADFRAME MATERIAL: COPPER ALLOY
2. DIMENSIONS ARE IN INCHES [MILLIMETERS]
3. LEAD SPACING TOLERANCE IS NON-CUMULATIVE
4. PAD BURR LENGTH SHALL BE 0.15mm MAXIMUM.  
PAD BURR HEIGHT SHALL BE 0.05mm MAXIMUM.
5. PACKAGE WARP SHALL NOT EXCEED 0.05mm.