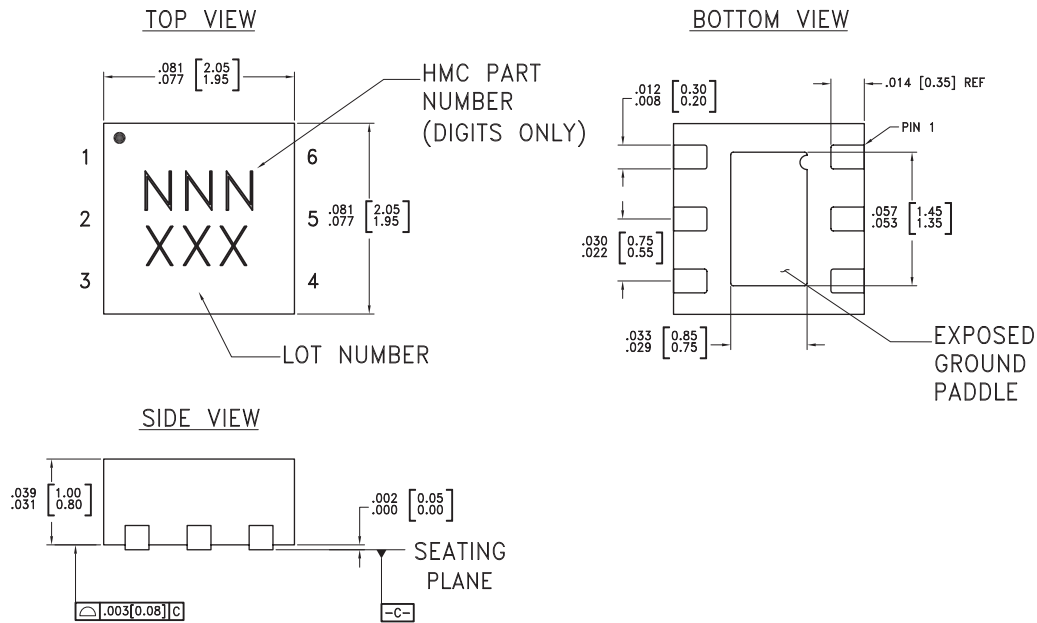


LP2 (E) – 2 x 2 mm DUAL FLATPACK NO-LEAD (DFN) PLASTIC PACKAGE

LP2 (E) Package Outline Drawing



NOTES:

1. LEADFRAME MATERIAL: COPPER ALLOY
2. DIMENSIONS ARE IN INCHES [MILLIMETERS]
3. PAD 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.
6. ALL GROUND LEADS AND GROUND PADDLE MUST BE SOLDERED TO PCB RF GROUND.
7. REFER TO HITTITE APPLICATION NOTE FOR SUGGESTED LAND PATTERN.

Package Information

Part Number Suffix	Package Body Material	Lead Finish	MSL Rating	Package Marking ^{[3][4]}
LP2	RoHS Compliant Mold Compound	Sn/Pb Solder	MSL1 ^[1]	NNN XXX
LP2E	RoHS Compliant Mold Compound	100% matte Sn	MSL1 ^[2]	NNN XXX

[1] Max peak reflow temperature of 235 °C

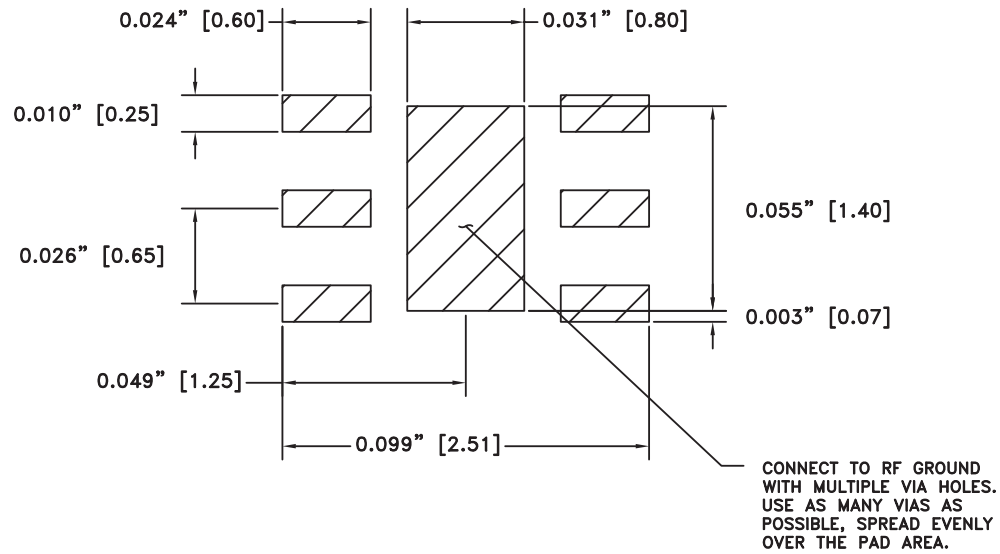
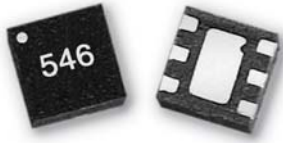
[2] Max peak reflow temperature of 260 °C

[3] 4-Digit lot number XXXX

[4] 3-Digit part number NNN

LP2 (E) – 2 x 2 mm DUAL FLATPACK NO-LEAD (DFN) PLASTIC PACKAGE

Suggested LP2 (E) PCB Land Pattern



NOTES:

1. DIMENSIONS ARE IN INCHES [MILLIMETERS].
2. PAD WIDTH SHOWN IS FOR SOLDERING ONLY. BEYOND SOLDERING AREA ALL CONDUCTORS THAT CARRY RF AND MICROWAVE SIGNALS SHOULD HAVE 50 OHM CHARACTERISTIC IMPEDANCE.
3. SOLDERMASK ON FAR SIDE SHOULD TENT OR PLUG VIA HOLES.