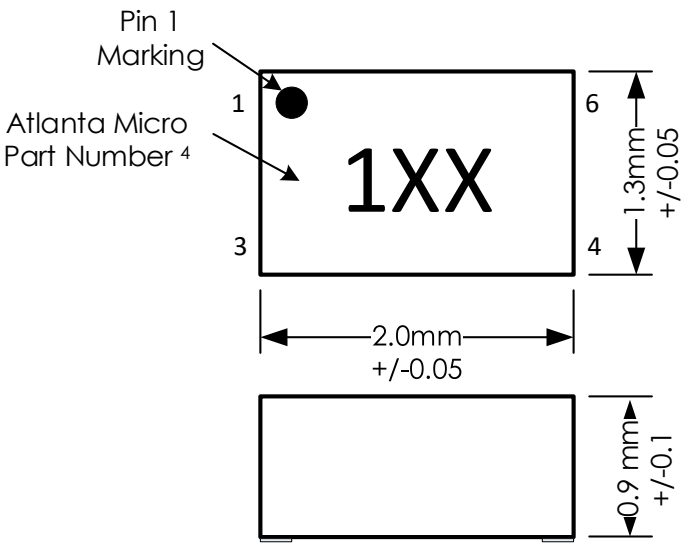
DFN50P130x200x090-6 Package Details

Overmolded 1.3mm X 2mm 6 Lead DFN

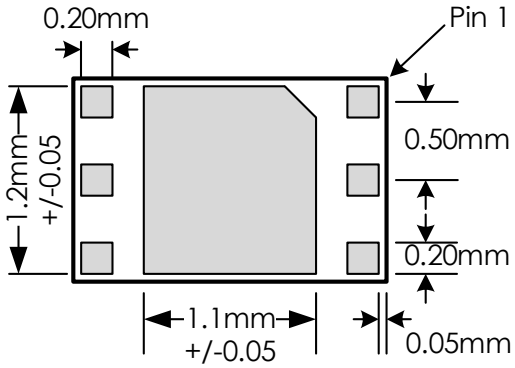
Package Drawing

Top View



Side View

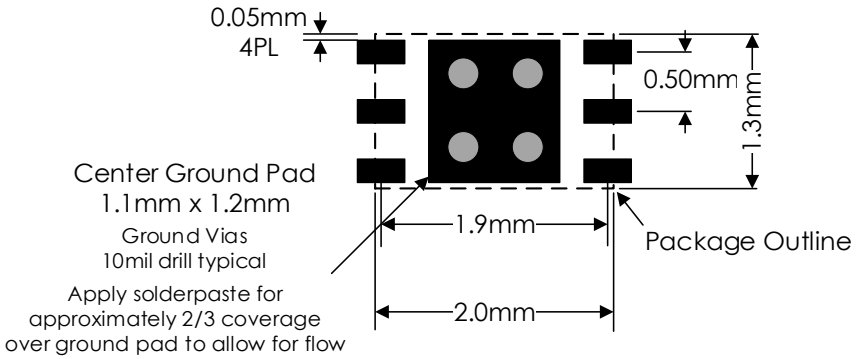
Bottom View



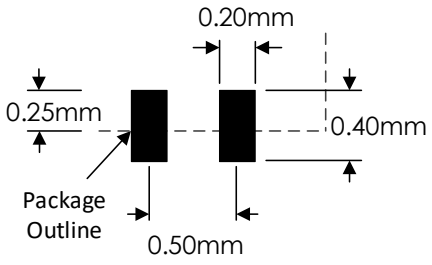
Notes:

1. All dimensions shown are in mm
2. Package material: Plastic Overmold
3. Lead finish:
   - Ni : 0.5µm – 2.0µm
   - Pd : 0.08µm – 0.15µm
   - Au : 0.003 µm MIN
4. See Part Number Table for IC marking to AM part number decoding

Recommended Footprint



Pad and Spacing Detail



Recommend 0.05mm
soldermask oversize beyond
pad outlines

DFN50P130x200x090-6 Package Details

Overmolded 1.3mm X 2mm 6 Lead DFN

Package Naming Convention

DFN – Dual Flat No-Lead

50 – Pitch = 0.50mm

130 – Body Width = 1.30mm

200 – Body Length = 2.00mm

090 – Height = 0.90mm

6 – Pin Quantity

*Based on IPC-7351B naming convention

Marking to Atlanta Micro Part Number

DFN Marking	AM Part #	Function
1AA	AM1063-2	DC – 10 GHz Gain Block
1AB	AM1064-2	DC – 8 GHz Gain Block
1AC	N/A	N/A
1AD	AM1070-2	DC – 18 GHz Gain Block
1AE	AM4008	2 Way 0-Degree 2 GHz – 26.5 GHz Splitter
1AF	AM1071-2	DC – 18 GHz Gain Block
1AG	AM1084-2	DC – 6 GHz Gain Block
1AH	AM1085-2	DC – 6 GHz Gain Block
1AI	AM1090-2	DC – 6 GHz Gain Block
1AJ	AM1163-2	DC – 10 GHz Low Noise Amplifier
1AK	AM1164-2	DC – 8 GHz Low Noise Amplifier
1AL	AM1116-2	20 MHz – 6 GHz Low Noise Amplifier

Revision History

Date	Revision Number	Notes
April 8, 2020	1	Initial Release
April 22, 2022	2	Plating Information Corrected. Added AM1116-2