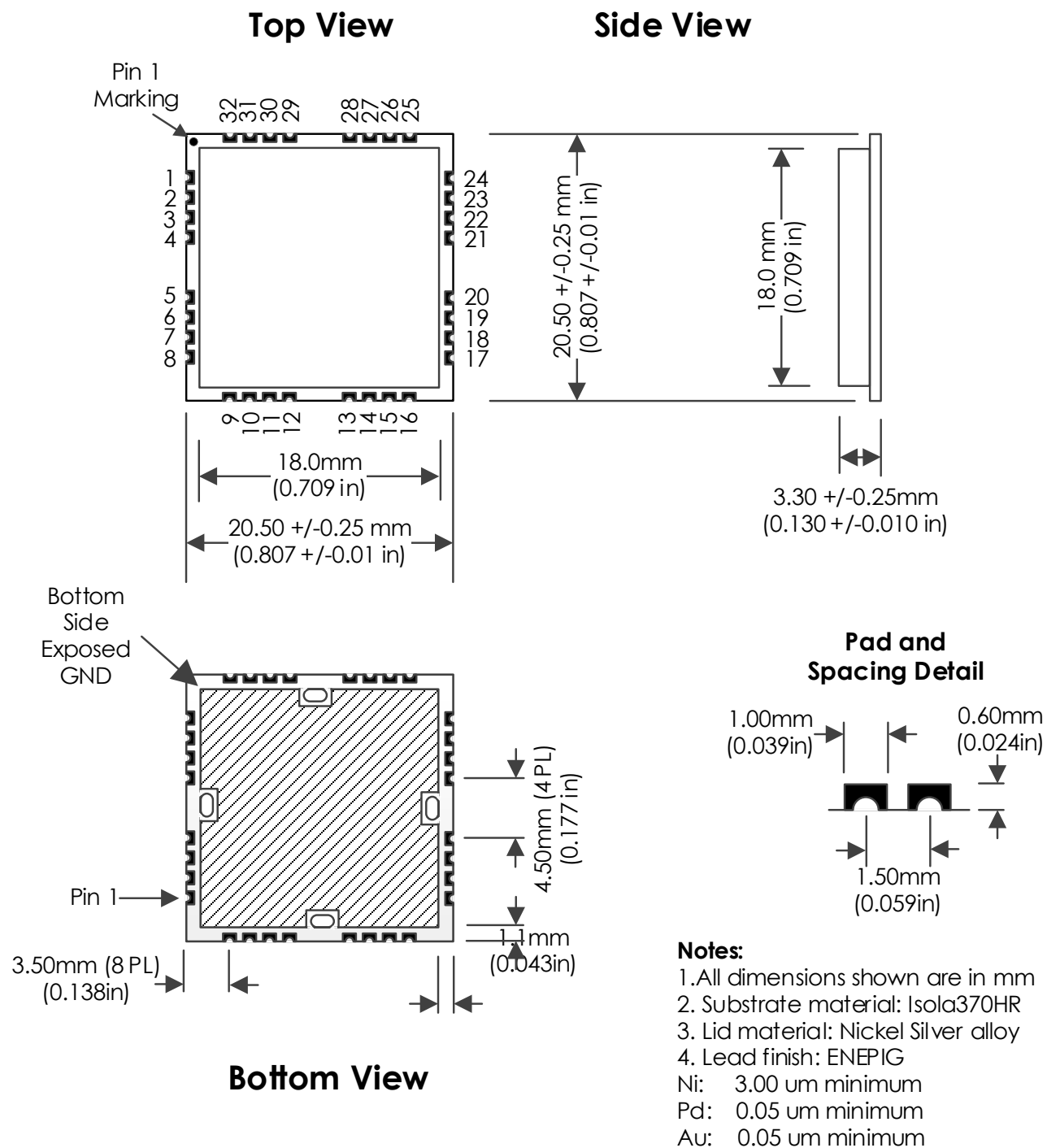


PACKAGE DRAWING

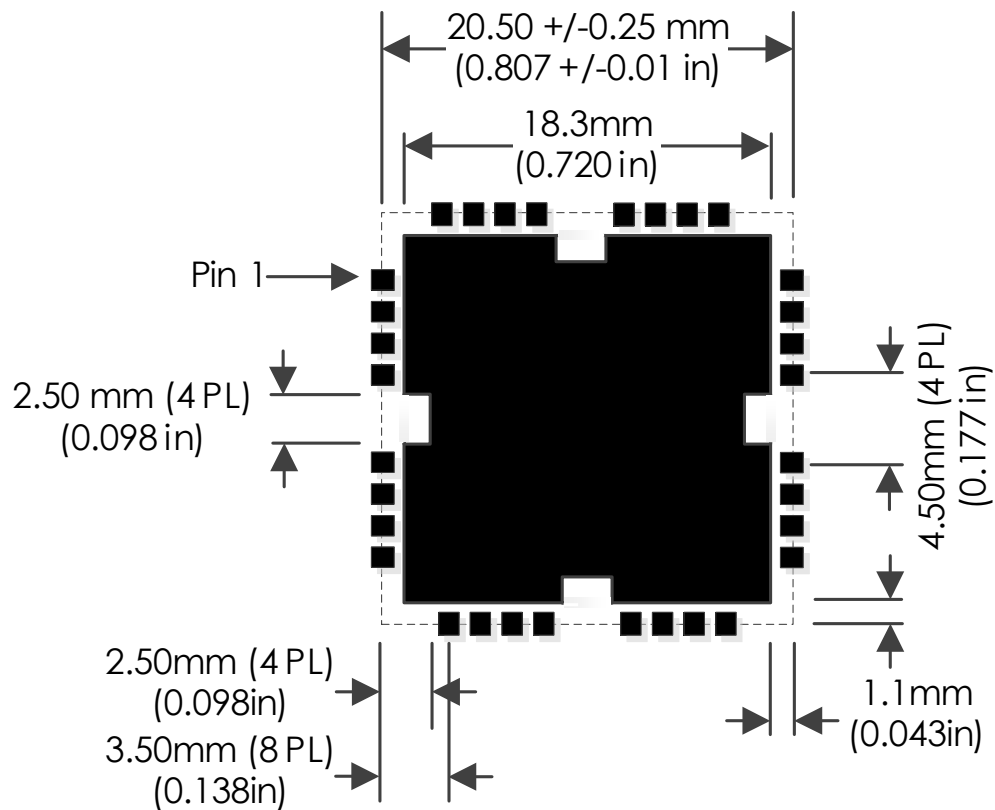


PACKAGE DETAILS

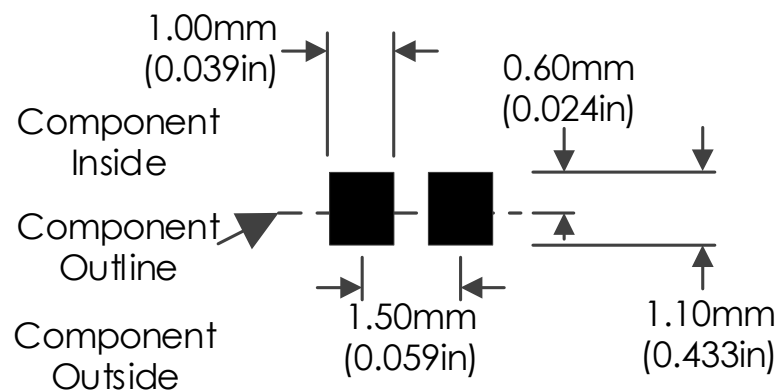
QFN150P2050x2050x330-32 – Metal 20.5mm 32 Lead QFN



RECOMMENDED FOOTPRINT



Pad and Spacing Detail



PACKAGE DETAILS



QFN150P2050x2050x330-32 – Metal 20.5mm 32 Lead QFN

RECOMMENDED ASSEMBLY PROCEDURE

It is recommended to attach the bottom side ground pad to the printed circuit board using a highly conductive silver epoxy and then hand solder the 20 pins along the part’s perimeter to their intended printed circuit board pads using lead-free solder.

The recommended silver epoxy is MG Chemicals part 8331S and the recommended assembly thickness is 3 to 5 mils.

If the device is to be attached (both the ground pad and perimeter pins) to the circuit board using a typical lead-free solder reflow process reaching temperatures of 260C, the excessive temperature can cause internal parts to the filter bank to reflow and result in damage to the device. If a solder reflow process must be used, it is recommended to use a lower temperature leaded solder profile, typically 225C maximum.

PACKAGE NAMING CONVENTION*

Name Segment	Meaning
QFN	Quad Flat No-Lead
150	Pitch = 1.50 mm
2050	Body Width = 20.50 mm
2050	Body Length = 20.50 mm
330	Height = 3.30 mm
32	Pin Quantity

* Based on the IPC-7351B naming convention.

REVISION HISTORY

Date	Revision	Notes
April 8, 2020	1	Initial Release.
August 13, 2024	2	Changed to Mercury branding. No content changes.

For technical details, contact: MMICsupport@mrchy.com
For pricing details, contact: MMICsales@mrchy.com

The Mercury Systems logo is a registered trademark of Mercury Systems, Inc. Other marks used herein may be trademarks or registered trademarks of their respective holders. Mercury products identified in this document conform with the specifications and standards described herein. Conformance to any such standards is based solely on Mercury’s internal processes and methods. The information contained in this document is subject to change at any time without notice.



© 2024 Mercury Systems, Inc. 2-0-2024-08-13-PD- QFN150P2050x2050x330-32