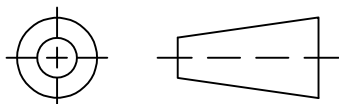


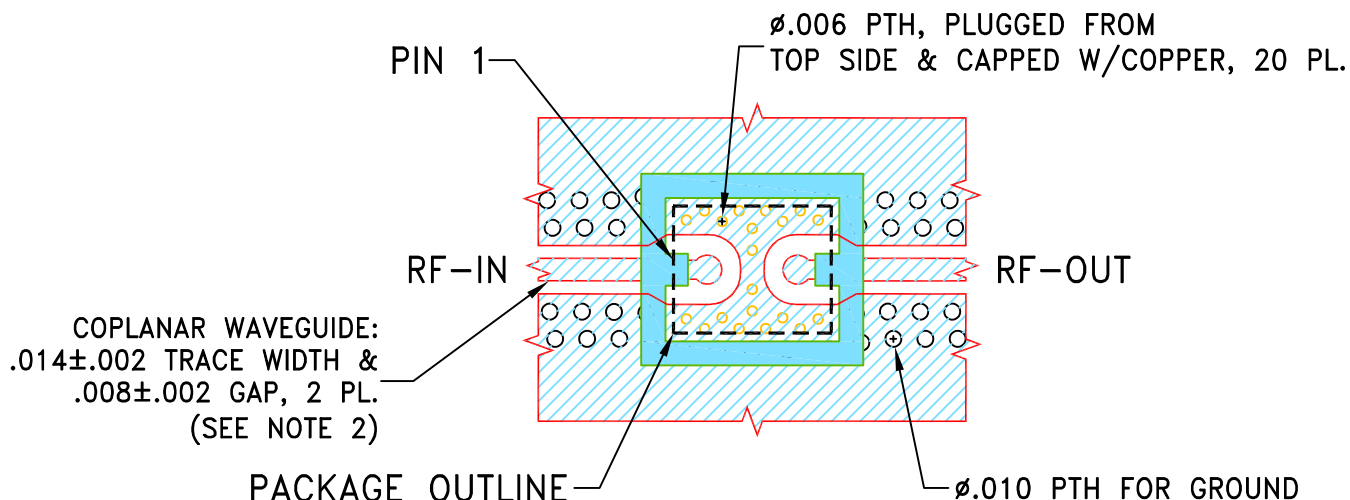
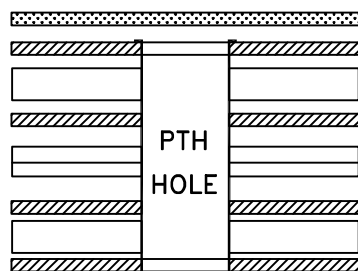
THIRD ANGLE PROJECTION



REVISIONS

REV	ECN No.	DESCRIPTION	DATE	DR	AUTH
OR	ECO-026948	NEW RELEASE	09/15/25	ITG	IL

SUGGESTED MOUNTING CONFIGURATION
FOR NM3723 CASE STYLE

STACK-UP DIAGRAM

-SOLDER MASK (TOP-SLD)

-COPPER LAYER 1(L1), .5 OZ.

-CORE 1, .0079 MEGTRON-7 R5785(N/GN)

-COPPER LAYER 2 (L2), .5 OZ.

-PREPREG, .0035 (89 um) MEGTRON-7 R5680(N/GN), CLOTH STYLE:1078

-PREPREG, .0035 (89 um) MEGTRON-7 R5680(N/GN), CLOTH STYLE:1078

-COPPER LAYER 3 (L3), .5 OZ.

-CORE 2, .0079 MEGTRON-7 R5785(N/GN)

-COPPER LAYER 4 (L4), .5 OZ.

1. TOTAL FINISHED THICKNESS 0.026±.004.

2. PTH PRESENT FROM COPPER LAYER 1 TO COPPER LAYER 4.

3. INDICATED ON TOP VIEW PTH's ARE PLUGGED WITH EPOXY AND CAPPED WITH COPPER FROM TOP SIDE.

4. L2, L3, AND L4 ARE CONTINUOUS GROUND PLANES.

NOTES:

1. PCB IS MULTILAYER PCB, SEE STACK-UP DIAGRAM.

2. TRACE WIDTH & GAP ARE SHOWN FOR MEGTRON-7 R5785(N/GN) WITH DIELECTRIC THICKNESS .0079",
COPPER: 1 OZ. EACH LAYER. FOR OTHER MATERIALS TRACE WIDTH & GAP MAY NEED TO BE MODIFIED.

3. LAYERS L2, L3 & L4 OF PCB ARE CONTINUOUS GROUND PLANES.



DENOTES PCB COPPER LAYOUT WITH SMOBC (SOLDER MASK OVER BARE COPPER).



DENOTES COPPER LAND PATTERN FREE OF SOLDER MASK.

UNLESS OTHERWISE SPECIFIED

DIMENSIONS ARE IN INCHES

TOLERANCES ON:

2 PL DECIMALS ±

3 PL DECIMALS ± .005

ANGLES ±

FRACTIONS ±



INITIALS

DATE

DRAWN

ITG

09/15/25

CHECKED

GF

09/15/25

APPROVED

IL

09/15/25



Mini-Circuits®

13 Neptune Avenue
Brooklyn NY 11235

PL, NM3723, TB-LFHKI-XXXXC+

SIZE

A

CODE IDENT

15542

DRAWING NO:

98-PL-836

REV:

OR

FILE:

98PL836

SCALE:

8:1

SHEET:

1 OF 1

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ASHEETA1.DWG REV:A DATE:01/12/95