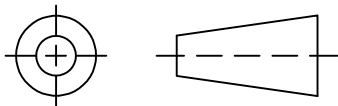


THIRD ANGLE PROJECTION

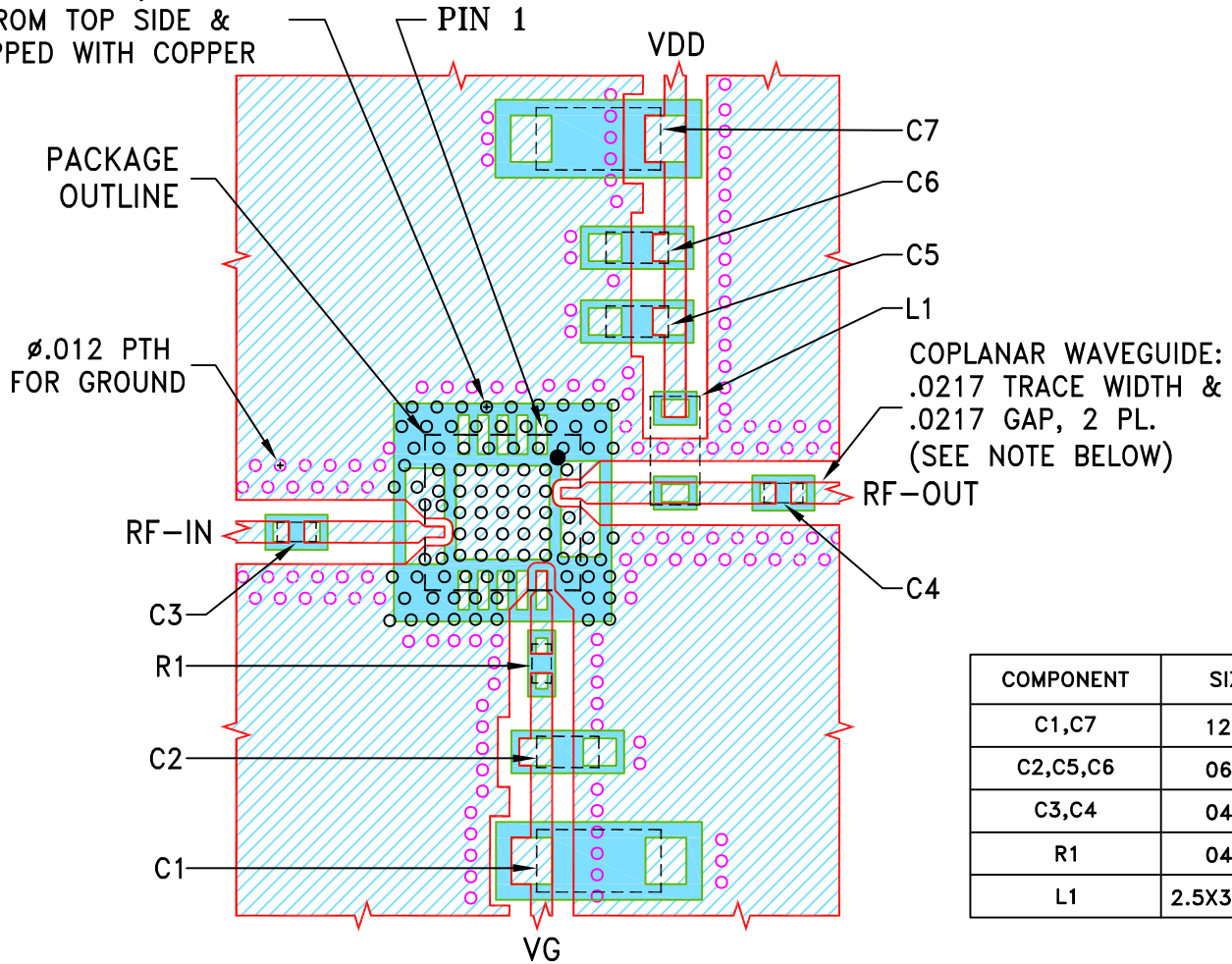


REVISIONS

REV	ECN No.	DESCRIPTION	DATE	DR	AUTH
OR	ECO-016835	NEW RELEASE	02/15/23	ITG	IL

SUGGESTED MOUNTING CONFIGURATION FOR
DG1847-1 CASE STYLE

93X ϕ .012 PTH, PLUGGED
FROM TOP SIDE &
CAPPED WITH COPPER



COMPONENT	SIZE
C1,C7	1206
C2,C5,C6	0603
C3,C4	0402
R1	0402
L1	2.5X3.8mm

NOTES:

1. TRACE WIDTH AND GAP PARAMETERS ARE SHOWN FOR ROGERS R04350B WITH DIELECTRIC THICKNESS .010"; COPPER: 1/2 OZ. EACH SIDE. FOR OTHER MATERIALS TRACE WIDTH AND GAP MAY NEED TO BE MODIFIED.
2. UNIT FOOT PRINT IS OPTIMIZED FOR PERFORMANCE AND IS DIFFERENT FROM CASE STYLE DG1847-1 RECOMMENDATIONS.
3. CHIP COMPONENT FOOT PRINTS SHOWN FOR REFERENCE. FOR COMPONENT VALUES REFER TO TB-AVA-5R183+ OR TB-AVA-5R183C+.
4. BOTTOM SIDE OF THE PCB IS CONTINUOUS GROUND PLANE.

- DENOTES PCB COPPER LAYOUT WITH SMOBC (SOLDER MASK OVER BARE COPPER).
- DENOTES COPPER LAND PATTERN FREE OF SOLDER MASK.

UNLESS OTHERWISE SPECIFIED	INITIALS	DATE
DIMENSIONS ARE IN INCHES	DRAWN ITG	02/15/23
TOLERANCES ON:	CHECKED GF	02/15/23
2 PL DECIMALS \pm	APPROVED IL	02/15/23
3 PL DECIMALS \pm .005		
ANGLES \pm		
FRACTIONS \pm		

Mini-Circuits® 13 Neptune Avenue
Brooklyn NY 11235

PL, DG1847-1, TB-AVA-5R183(C)+

SIZE A	CODE IDENT 15542	DRAWING NO: 98-PL-751	REV: OR
FILE: 98PL751	SCALE: 5:1	SHEET: 1 OF 1	

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