

THIRD ANGLE PROJECTION

REVISIONS					
REV	ECN No.	DESCRIPTION	DATE	DR	AUTH
OR	EC0-025876	NEW RELEASE	06/12/25	ITG	IL

SUGGESTED MOUNTING CONFIGURATION
FOR DG1847 CASE STYLE

COMPONENT	SIZE
C1-C4	0402
R1, R2	0402

COPLANAR WAVEGUIDE:
.0122 TRACE WIDTH &
.0074 GAP, 5 PL. (SEE NOTE 2)

2 LAYER STACK-UP DETAIL

0.278mm
±0.1mm

VIA

SOLDER MASK (SM1)
IMMERSSION GOLD (0.0254um-0.0762um)
ELECTROLESS NICKEL (3um-6um)
L1 COPPER: 1.0 OZ (0.0334mm-0.045mm)
BASE: RO4350B 6.6mil (0.1502mm-0.1858mm)
L2 COPPER: 1.0 OZ (0.0334mm-0.045mm)
ELECTROLESS NICKEL (3um-6um)
IMMERSSION GOLD (0.0254um-0.0762um)

NOTES:

1. PCB IS 2 LAYER PCB, SEE STACK-UP DIAGRAM.

2. TRACE WIDTH & GAP ARE SHOWN FOR ROGERS RO4350B WITH DIELECTRIC THICKNESS .0066".
COPPER: 1 OZ. EACH LAYER. FOR OTHER MATERIALS TRACE WIDTH & GAP MAY NEED TO BE MODIFIED.

3. CHIP COMPONENT FOOT PRINTS SHOWN FOR REFERENCE, FOR COMPONENT VALUES REFER TO TB-M4SWA4+34DR+.

4. LAYERS 2 OF PCB ARE 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

DIMENSIONS ARE IN INCHES	DRAWN	ITG	06/12/25
TOLERANCES ON:	CHECKED	GF	06/12/25
2 PL DECIMALS ±	APPROVED	IL	06/12/25
3 PL DECIMALS ± .005			
ANGLES ±			
FRACTIONS ±			

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PL, DG1847, TB-M4SWA4+34DRC)+

SIZE A	CODE IDENT 15542	DRAWING NO: 98-PL-830	REV: OR
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ASHEETA1.DWG REV:A DATE:01/12/95