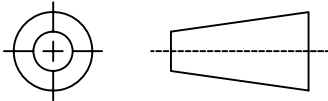


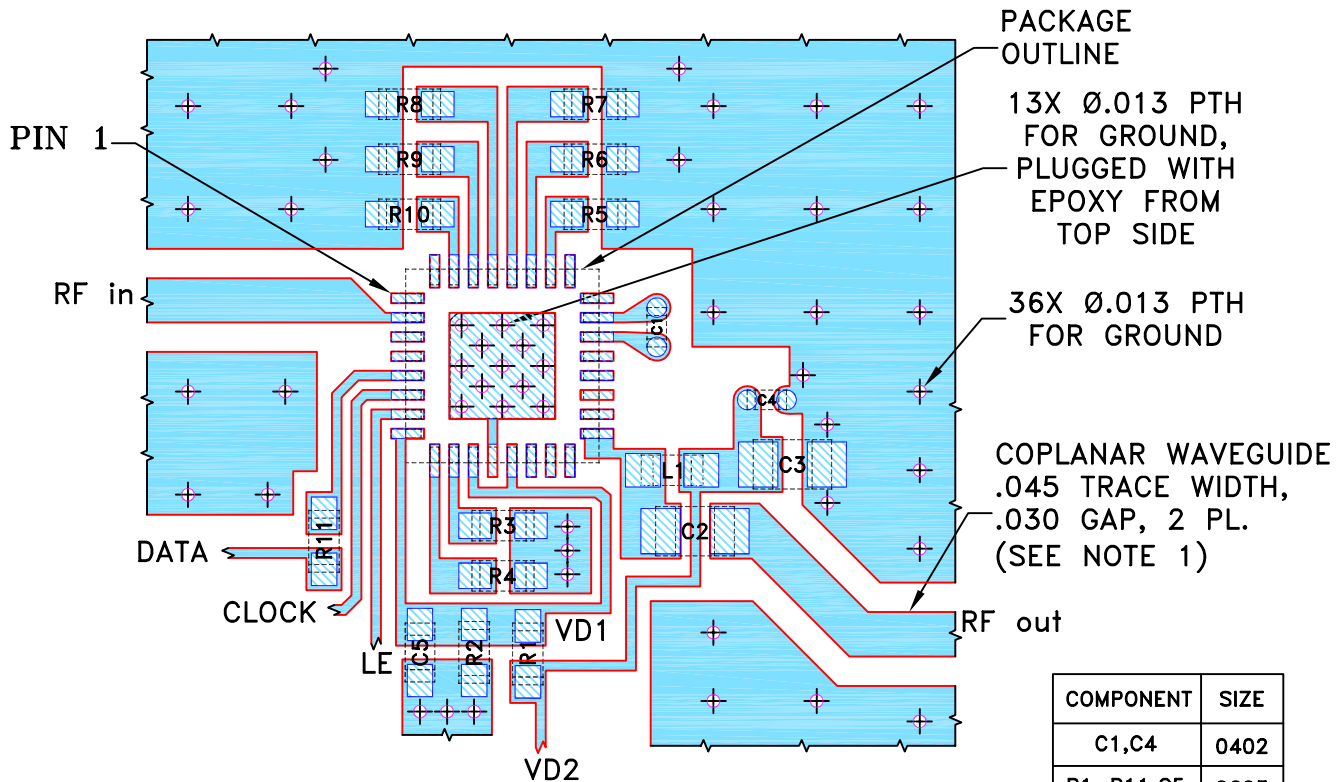
THIRD ANGLE PROJECTION



REVISIONS

REV	ECN No.	DESCRIPTION	DATE	DR	AUTH
OR	M137309	NEW RELEASE	06/08/12	AV	SL
A	M138545	UPDATED PCB PATTERN AND "L1" SIZE	09/05/12	IL	SL
B	M139207	ADDED CONNECTION BETWEEN PIN 12 & GND	10/26/12	IL	SL
C	M144132	DELETED CONNECT. BETWEEN PIN 19 & VD2	11/19/13	ITG	SL

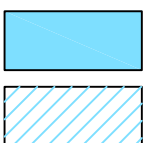
SUGGESTED MOUNTING CONFIGURATION
FOR DG1677 CASE STYLE, "32AM02" PIN CODE



COMPONENT	SIZE
C1,C4	0402
R1-R11,C5	0603
C2,C3	0805
L1	0603

NOTES:

1. COPLANAR WAVEGUIDE PARAMETERS ARE SHOWN FOR IT-180TC WITH DIELECTRIC THICKNESS .024" ± .002". COPPER: 1/2 OZ. EACH SIDE. FOR OTHER MATERIALS TRACE WIDTH AND GAP MAY NEED TO BE MODIFIED.
2. CHIP COMPONENT FOOT PRINTS SHOWN FOR REFERENCE. FOR COMPONENT VALUES REFER TO TB-674+.
3. 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 AV	06/05/12
TOLERANCES ON:	CHECKED IL	06/08/12
2 PL DECIMALS ±	APPROVED SL	06/08/12
3 PL DECIMALS ± .005		
ANGLES ±		
FRACTIONS ±		



Mini-Circuits® 13 Neptune Avenue
Brooklyn NY 11235

PL, 32AM02, DG1677, TB-674+

THIS DOCUMENT AND ITS CONTENTS ARE THE PROPERTY OF MINI-CIRCUITS. EXCEPT FOR USE EXPRESSLY GRANTED, IN WRITING, TO ITS VENDORS, VENDEE AND THE UNITED STATES GOVERNMENT, MINI-CIRCUITS RESERVES ALL PROPRIETARY DESIGN, USE, MANUFACTURING AND REPRODUCTION RIGHTS THERE TO. THESE CONTENTS SHALL NOT BE USED, DUPLICATED OR DISCLOSED TO ANY OUTSIDE PARTY, IN WHOLE OR IN PART, WITHOUT WRITTEN PERMISSION OF MINI-CIRCUITS.

SIZE A	CODE IDENT 15542	DRAWING NO: 98-PL-371	REV: C
FILE: 98PL371	SCALE: 5:1	SHEET: 1 OF 1	