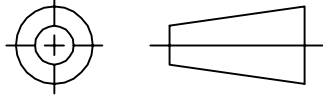


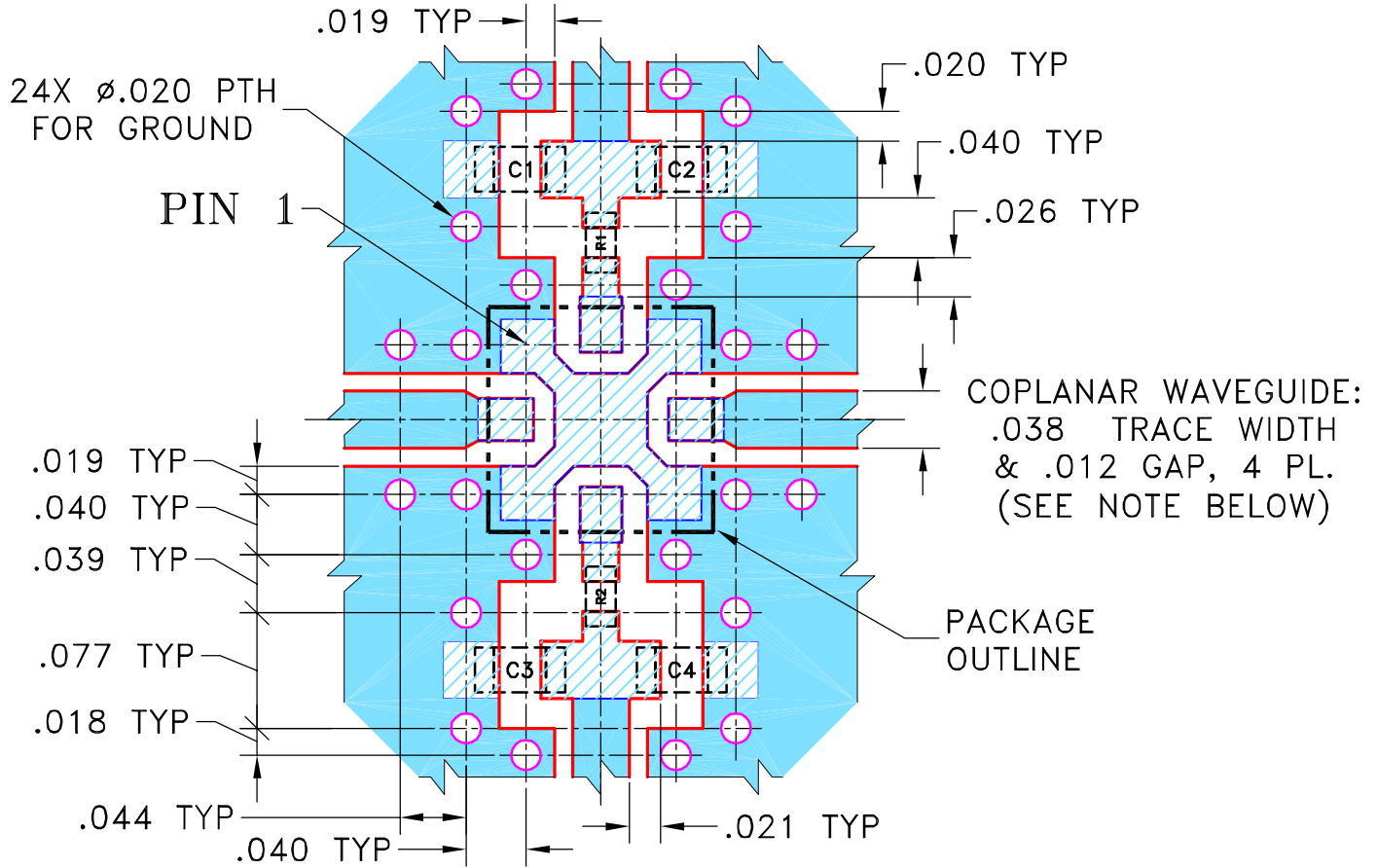
THIRD ANGLE PROJECTION



REVISIONS


REV	ECN No.	DESCRIPTION	DATE	DR	AUTH
OR	M89321	NEW RELEASE	11/24/03	GF	ABD
A	M91387	"pj" PIN CONNECTION WAS "nz"	03/15/04	AV	LER(BC)
B	M102713	GF995 WAS GF981, UPDATED NOTES	01/12/06	GF	IL

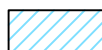
SUGGESTED MOUNTING CONFIGURATION  
FOR GF995 CASE STYLE, "pj" PIN CONNECTION



CAPACITORS C1,C3: .01  $\mu$ F, 0603 SIZE  
CAPACITORS C2,C4: 6.8 pF, 0603 SIZE  
RESISTORS R1,R2: 2 K $\Omega$ m, 0402 SIZE

- NOTES:**
1. COPLANAR WAVEGUIDE PARAMETERS ARE SHOWN FOR ROGERS R04350B WITH DIELECTRIC THICKNESS .020"  $\pm$  .0015"; COPPER: 1/2 OZ. EACH SIDE. FOR OTHER MATERIALS TRACE WIDTH MAY NEED TO BE MODIFIED.
  2. IF YOUR PCB DESIGN RULES ALLOW, GROUND VIAS SHOULD BE PLACED UNDER THE LAND PATTERN FOR BETTER RF PERFORMANCE.
  3. BOTTOM SIDE OF THE PCB IS CONTINUOUS GROUND PLANE.

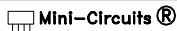
 DENOTES PCB COPPER LAYOUT WITH SMOBC (SOLDER MASK OVER BARE COPPER).

 DENOTES COPPER LAND PATTERN FREE OF SOLDER MASK

UNLESS OTHERWISE SPECIFIED	INITIALS	DATE
DIMENSIONS ARE IN INCHES	DRAWN GF	11/19/03
TOLERANCES ON:	CHECKED AV	11/24/03
2 PL DECIMALS $\pm$	APPROVED ABD	11/24/03
3 PL DECIMALS $\pm$ .005		
ANGLES $\pm$		
FRACTIONS $\pm$		

 **Mini-Circuits**<sup>®</sup> 13 Neptune Avenue  
Brooklyn NY 11235

PL, pj, GF995, VACC, TB-250

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

SIZE	CODE IDENT	DRAWING NO:	REV:
A	15542	98-PL-148	B
FILE:	98PL148	SCALE:	8:1
		SHEET:	1 OF 1