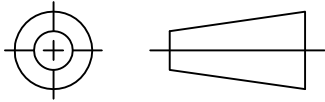


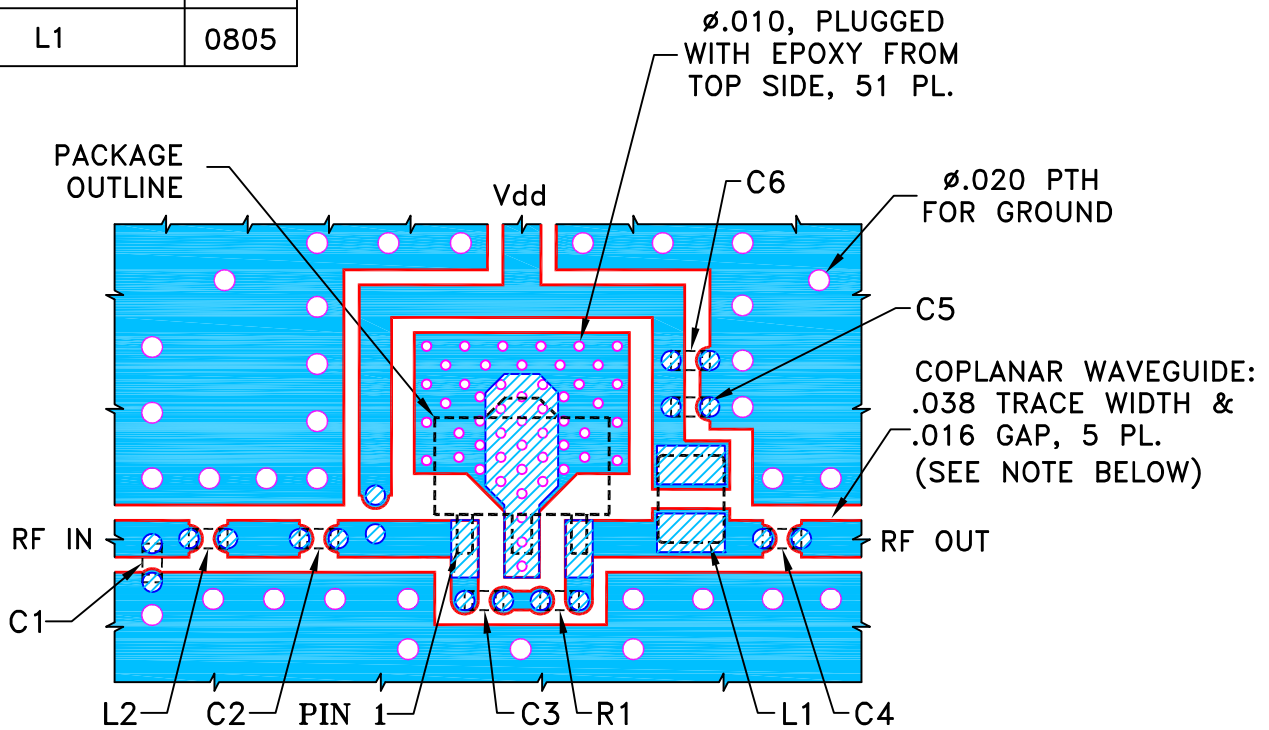
THIRD ANGLE PROJECTION



REVISIONS					
REV	ECN No.	DESCRIPTION	DATE	DR	AUTH
OR	M161405	NEW RELEASE	04/19/17	GF	RS

SUGGESTED MOUNTING CONFIGURATION FOR  
DF782 CASE STYLE, "04AM03" PIN CONNECTION

COMPONENT	SIZE
R1,L2,C1-C6	0402
L1	0805



**NOTES:**

1. TRACE WIDTH & GAP PARAMETERS ARE SHOWN FOR ROGERS RO4350B WITH DIELECTRIC THICKNESS  $.020 \pm .0015$ ". COPPER: 1/2 OZ. EACH SIDE. FOR OTHER MATERIALS TRACE WIDTH & GAP MAY NEED TO BE MODIFIED.
2. CHIP COMPONENT FOOT PRINTS SHOWN FOR REFERENCE. FOR COMPONENT VALUES REFER TO TB-951+.
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 TOLERANCES ON: 2 PL DECIMALS ± 3 PL DECIMALS ± .005 ANGLES ± FRACTIONS ±	DRAWN	GF	03/09/17
	CHECKED	IL	04/19/17
	APPROVED	RS	04/19/17



**Mini-Circuits®** 13 Neptune Avenue  
Brooklyn NY 11235

**PL, 04AM03, DF782, PHA-23HLN+,  
TB-951+**

SIZE A	CODE IDENT 15542	DRAWING NO: 98-PL-512	REV: OR
FILE: 98PL512	SCALE: 5:1	SHEET: 1 OF 1	