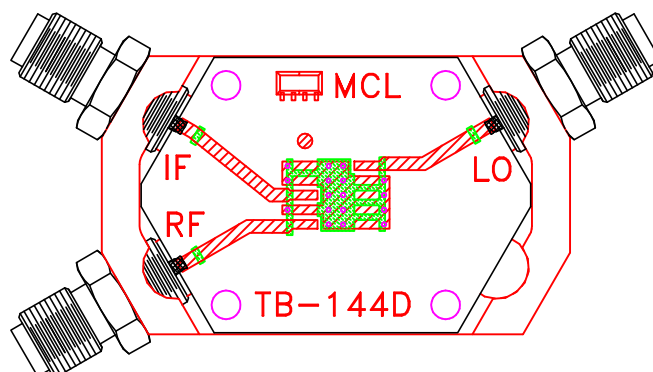
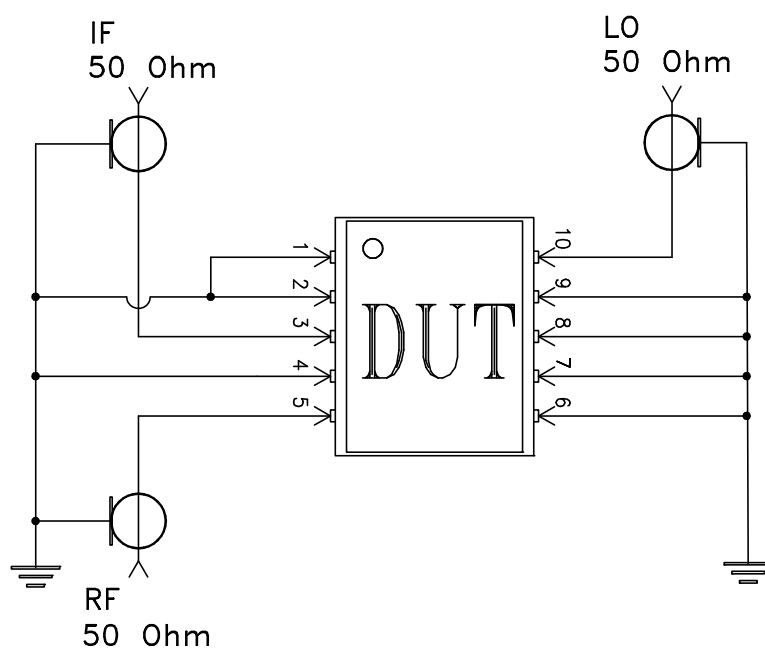


# Evaluation Board and Circuit



TB-144



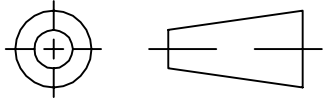
Schematic Diagram

## Notes:

1. SMA Female connectors.
2. PCB Material: Rogers R04350 or equivalent,  
Dielectric Constant=3.5, Thickness=.020 inch.

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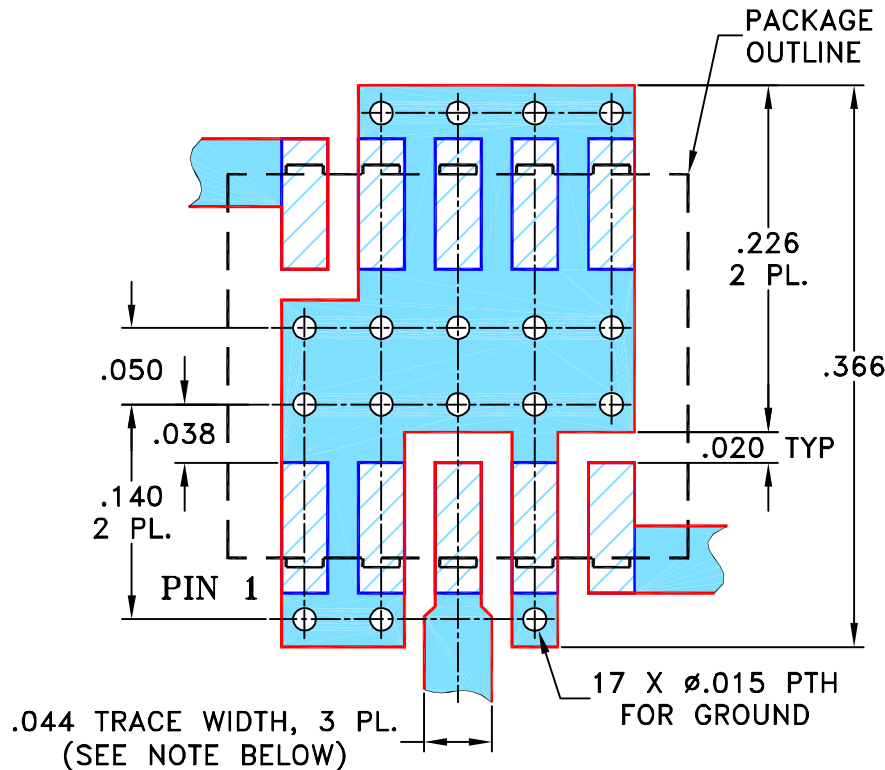
## THIRD ANGLE PROJECTION



## REVISIONS

| REV | ECN No. | DESCRIPTION                     | DATE     | DR  | AUTH |
|-----|---------|---------------------------------|----------|-----|------|
| A   | M81781  | UPDATED PCB LAYOUT              | 06/07/02 | GF  | DJ   |
| B   | M82377  | UPDATED DRAWING                 | 07/31/02 | AV  | WL   |
| C   | M102713 | ADDED NOTE 2 & "...WITH SMOBC"  | 01/17/06 | MMG | IL   |
| D   | M135488 | ADDED DZ1650, CHANGED PIN CONN. | 02/02/12 | GF  | DJ   |

## SUGGESTED MOUNTING CONFIGURATION FOR DZ883, DZ885 & DZ1650 CASE STYLES, "10MX01" PIN CONNECTION



- NOTES: 1. TRACE WIDTH IS SHOWN FOR ROGERS RO4350B WITH DIELECTRIC THICKNESS .020"  $\pm$  .0015"; COPPER: 1/2 OZ. EACH SIDE. FOR OTHER MATERIALS TRACE WIDTH MAY NEED TO BE MODIFIED.
2. 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  $\pm$   
3 PL DECIMALS  $\pm$  .005  
ANGLES  $\pm$   
FRACTIONS  $\pm$

DRAWN

AV

05/08/02

CHECKED

DB

05/16/02

APPROVED

WL

05/16/02

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



# Mini-Circuits®

13 Neptune Avenue  
Brooklyn NY 11235

## PL, 10MX01, DZ883/885/1650, TB-144

SIZE  
A

CODE IDENT  
15542

DRAWING NO:  
98-PL-045

REV:  
D

FILE: 98PL045

SCALE: 8:1

SHEET: 1 OF 1