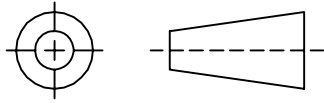


THIRD ANGLE PROJECTION



REVISIONS

| REV | ECN No. | DESCRIPTION                                   | DATE  | DR | AUTH |
|-----|---------|---|-------|----|------|
| OR  | M97254  | NEW RELEASE (FROM RAVON)                      | 03/05 | DK | HH   |
| A   | M102713 | MODIFIED HATCH, NOTES & ADDED "...WITH SMOBC" | 01/06 | GT | HH   |
| B   | M103510 | ADD R7 & CHANGE LOCATION DESIGNATORS          | 07/09 | EM | KN   |
| B   | R63339  | ADD R7 & CHANGE LOCATION DESIGNATORS          | 07/09 | EM | KN   |

SUGGESTED MOUNTING CONFIGURATION

FOR DG983-1 CASE STYLE, qm PIN CONNECTION, 75 Ω.

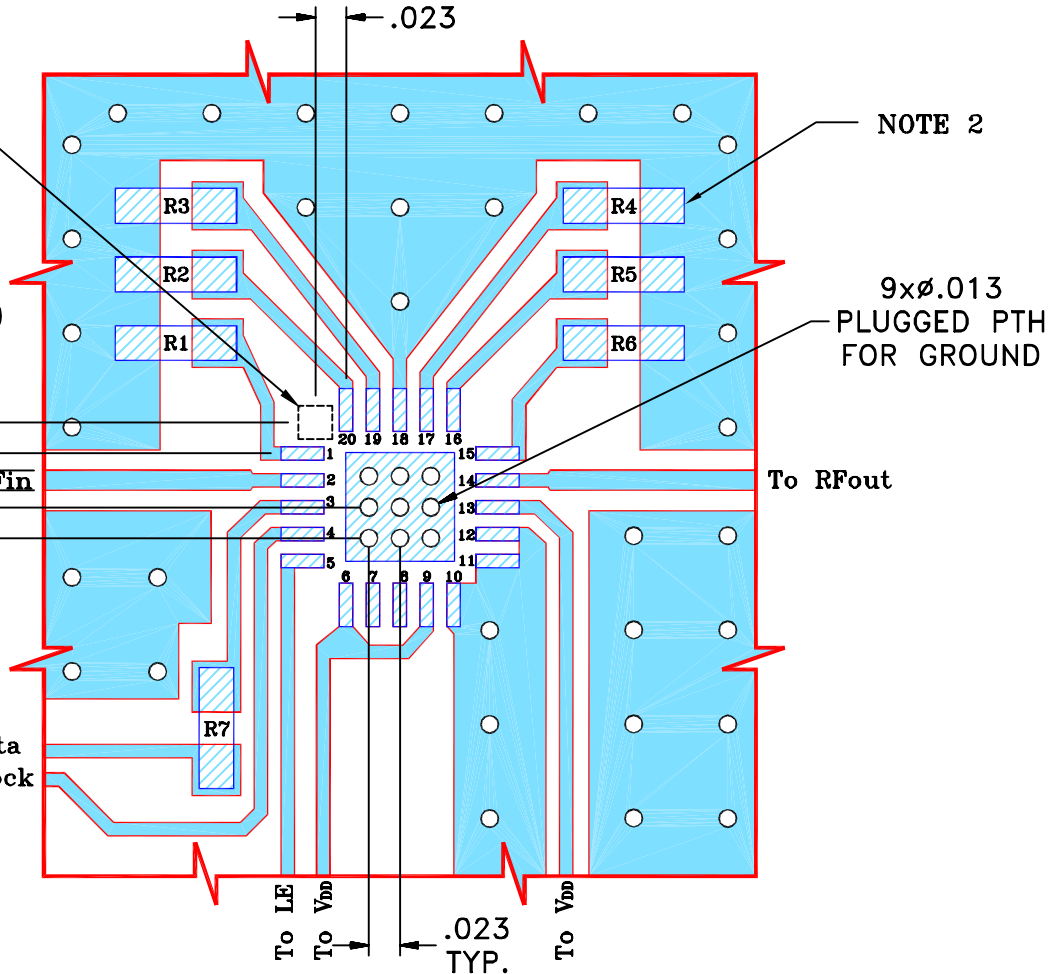
KEEP-OUT ZONE,  
.025 X.025, AVOID  
TRACES IN THIS AREA  
TO PREVENT SHORT TO  
METAL INDEX ON BOTTOM  
SIDE OF COMPONENT

.015±.002  
LINE WIDTH  
2 PL.  
(SEE BELOW)

.023  
To RFin

.023 TYP.

To Data  
To Clock



NOTES:

1. TRACE WIDTH IS SHOWN FOR FR4 WITH DIELECTRIC THICKNESS .025"±.002". COPPER: 1/2 OZ. EACH SIDE. FOR OTHER MATERIALS TRACE WIDTH MAY NEED TO BE MODIFIED.
2. 0603 SIZE CHIP FOOT PRINTS SHOWN FOR REFERENCE, VALUES OF RESISTORS WILL VARY BASED ON APPLICATION.
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

DIMENSIONS ARE IN INCHES  
TOLERANCES ON:  
2 PL DECIMALS ±  
3 PL DECIMALS ± .005  
ANGLES ±  
FRACTIONS ±

|          | INITIALS   | DATE      |
|----------|------------|-----------|
| DRAWN    | DK (RAVON) | 08 MAR 05 |
| CHECKED  | RZ (RAVON) | 08 MAR 05 |
| APPROVED | HH (RAVON) | 08 MAR 05 |



Mini-Circuits® 13 Neptune Avenue  
Brooklyn NY 11235

PL, qm, DG983-1  
TB-344 (75 Ω)

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| SIZE  | CODE IDENT | DRAWING NO: | REV:   |
|-------|------------|-------------|--------|
| A     | 15542      | 98-PL-203   | B      |
| FILE: | 98PL203    | SCALE:      | 7:1    |
|       |            | SHEET:      | 1 OF 1 |