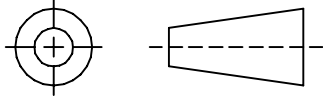


THIRD ANGLE PROJECTION



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	IL
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, qk PIN CONNECTION, 50 Ω.**

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

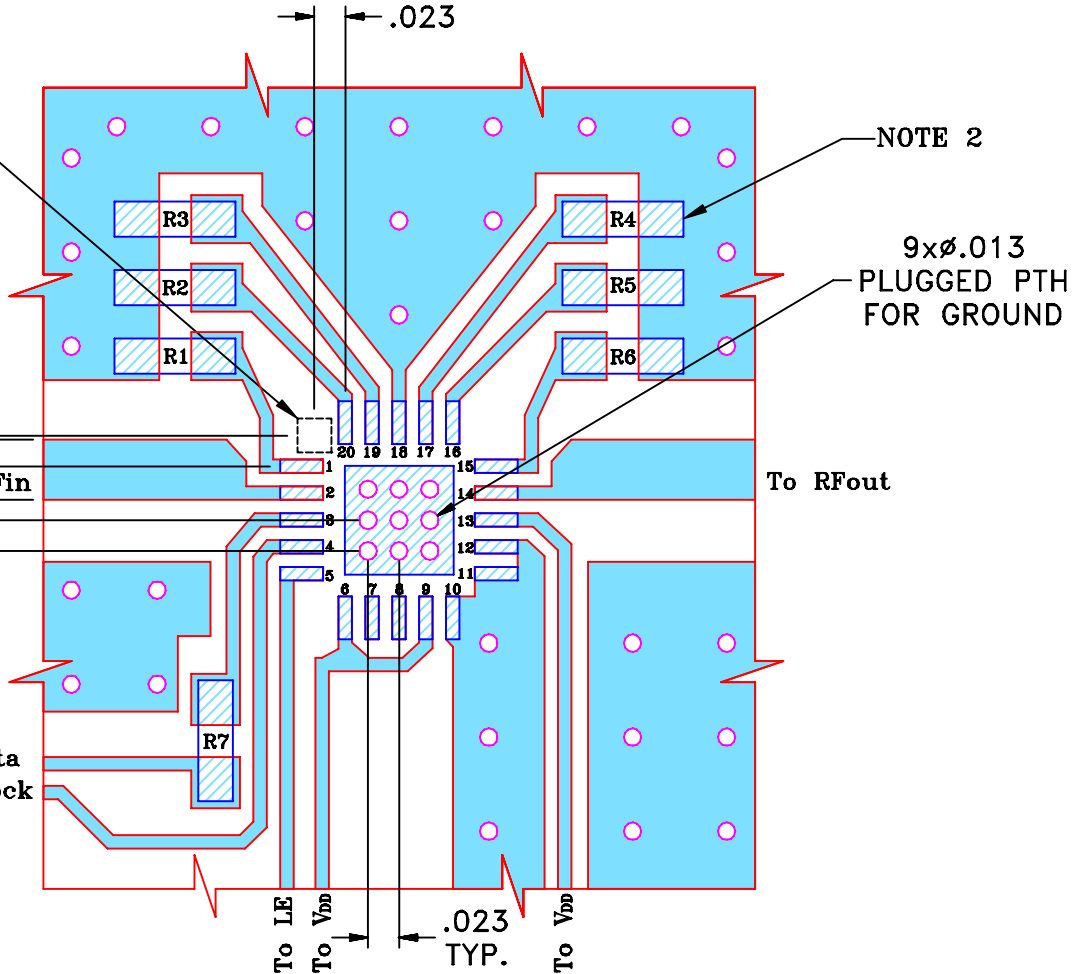
.045±.002
LINE WIDTH
2 PL.
(SEE BELOW)

.023
To RFin

.023
TYP.

To Data
To Clock

To Data
To Clock



NOTE 2

9x0.013
PLUGGED PTH
FOR GROUND

To Rfout

To LE
To VDD
.023
TYP.
To VSS

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

INITIALS DATE

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

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, qk, DG983-1
TB-334 (50 Ω)

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SIZE	CODE IDENT	DRAWING NO:	REV:
A	15542	98-PL-191	B
FILE:	98PL191	SCALE: 7:1	SHEET: 1 OF 1