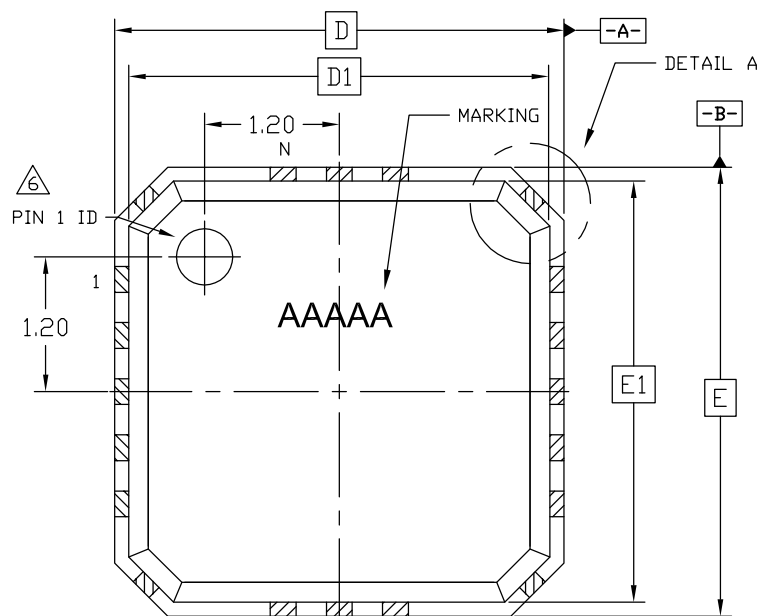
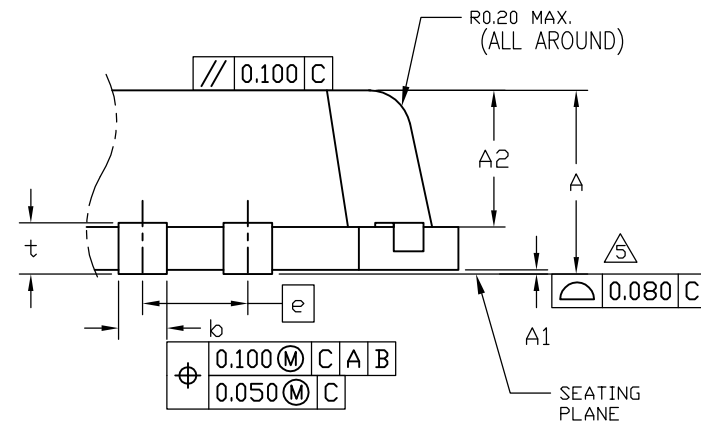
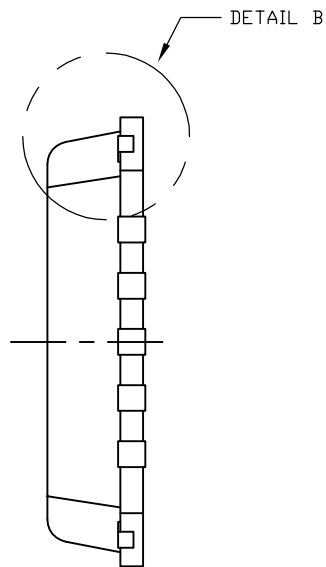


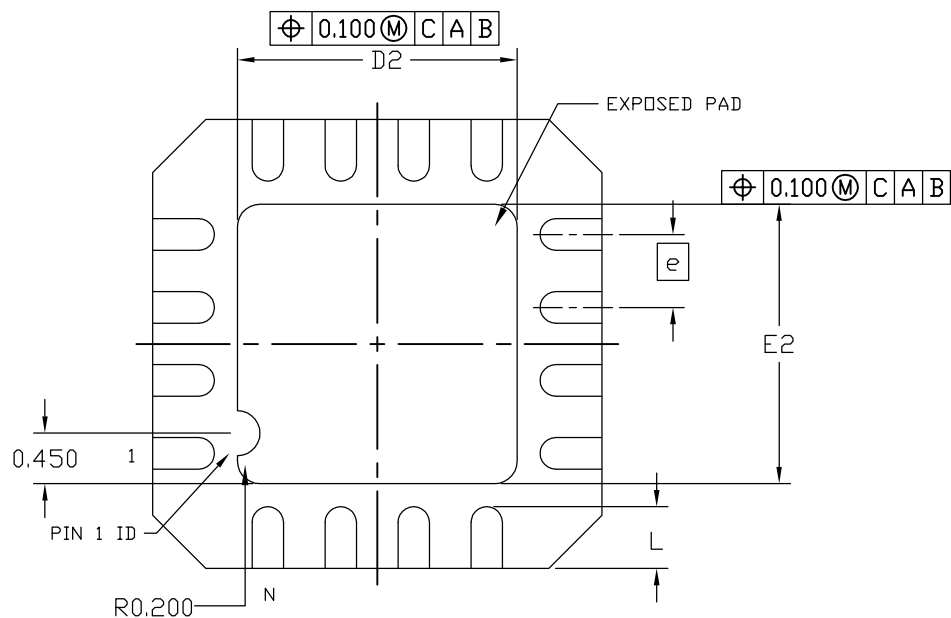
TOP VIEW



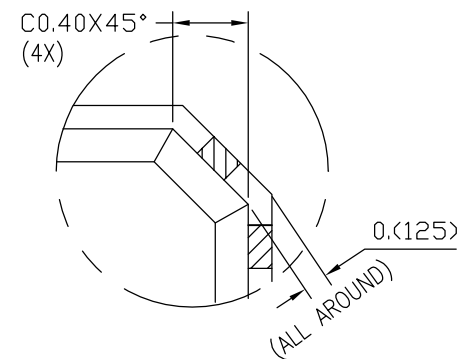
SIDE VIEW



DETAIL "B"



BOTTOM VIEW



DETAIL "A"

-DRAWING NOT TO SCALE-



TITLE:
PACKAGE OUTLINE,
16L PUNCH QFN, 4X4X0.85MM

APPROVAL

DOCUMENT CONTROL NO.
21-0819

REV.
A

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DIM	MILLIMETERS			INCHES		
	MIN	NOM	MAX	MIN	NOM	MAX
A	0.800	0.850	0.900	.031	.033	.035
A1	0.200	0.250	0.300	.008	.010	.012
A2	0.600	0.650	0.670	.024	.026	.026
b	0.230	0.280	0.330	.009	.011	.013
D	3.900	4.000	4.100	.154	.157	.161
D1	3.650	3.750	3.850	.144	.148	.152
D2	2.460	2.490	2.510	.097	.098	.099
E	3.900	4.000	4.100	.154	.157	.161
E1	3.650	3.750	3.850	.144	.148	.152
E2	2.460	2.490	2.510	.097	.098	.099
L	0.450	0.550	0.650	.018	.022	.026
e	0.450	0.550	0.650	.018	.022	.026
t	0.190	—	0.245	.007	—	.010
N	16 LEADS					

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS.
2. DIMENSIONING & TOLERANCES CONFORM TO ASME Y14.5M. - 2009.
3. PACKAGE IS JEDEC MO-220 COMPLIANT
4. N IS THE TOTAL NUMBER OF TERMINALS. ND AND NE ARE THE NUMBER OF TERMINALS PER SIDE.
5. COPLANARITY APPLIES TO BOTH TERMINALS AND HEAT SINK
6. THE PIN #1 IDENTIFIER MUST BE EXISTED ON THE TOP SURFACE OF THE PACKAGE BY USING INDENTATION MARK OR INK/LASER MARKED. DETAILS OF PIN #1 IDENTIFIER IS OPTIONAL, BUT MUST BE LOCATED
7. MATTE FINISH ON PACKAGE BODY SURFACE (Ra 0.3~1.2 μ m) EXCEPT EJECTION AND PIN 1 MARKING.
8. FRAME BASE METAL THICKNESS (0.203 BASE)
9. ALL MOLDED BODY SHARP CORNER RADII (MAX. R0.200) U.O.S.
10. MARKING SHOWN IS FOR PACKAGE ORIENTATION REFERENCE ONLY.
11. MATERIAL MUST COMPLY WITH BANNED AND RESTRICTED SUBSTANCES SPEC # 10-0131.
12. ALL DIMENSIONS APPLY TO BOTH LEADED (-) AND PbFREE (+) PKG. CODES.
13. PACKAGE CODE: G1644+2

-DRAWING NOT TO SCALE-



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