



-DRAWING NOT TO SCALE-

TITLE: PACKAGE OUTLINE, 20L PUNCH QFN, 4x4x0.85mm			
APPROVAL	DOCUMENT CONTROL NO. 21-0694	REV. A	1/2

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. ALL DIMENSIONING AND TOLERANCING CONFORM TO ASME Y14.5M. - 1994.
3. DIMENSION b APPLIES TO PLATED TERMINAL AND IS MEASURED BETWEEN 0.15 AND 0.30mm FROM TERMINAL TIP.
4. THE PIN #1 IDENTIFIER MUST EXIST ON THE TOP SURFACE OF THE PACKAGE BY USING INDENTATION MARK OR OTHER FEATURE OF PACKAGE BODY.
5. THE SHAPE SHOWN ON FOUR CORNERS ARE NOT ACTUAL I/O.
6. BILATERAL COPLANARITY ZONE APPLIES TO THE EXPOSED PAD AS WELL AS THE TERMINALS.
7. Q AND R APPLIES ONLY FOR STRAGHT TIEBAR SHAPES.
8. MARKING SHOWN IS FOR PACKAGE ORIENTATION REFERENCE ONLY.
9. N IS THE NUMBER OF TERMINALS.  
NE IS THE NUMBER OF TERMINALS IN X-DIRECTION  
ND IS THE NUMBER OF TERMINALS IN Y-DIRECTION.
10. MATERIAL MUST BE COMPLIANT WITH MAXIM SPECIFICATION 10-0131 FOR SUBSTANCE CONTENT, MUST BE Eu ROHS COMPLIANT WITHOUT EXEMPTION AND PB-FREE.
11. ALL DIMENSIONS APPLY TO BOTH LEADED (-) AND PbFREE (+) PKG. CODES.
12. PKG CODE: G2044-5

SYMBOL	COMMON DIMENSIONS		
	MIN.	NOM.	MAX.
A	0.80	0.85	0.90
A1	0.00	0.01	0.05
A2	0.60	0.65	0.70
A3	0.20 REF		
b	0.18	0.23	0.30
D	4.00 BSC		
D1	3.75 BSC		
D2	2.00	2.10	2.20
E	4.00 BSC		
E1	3.75 BSC		
E2	2.00	2.10	2.20
e	0.50 BSC		
L	0.50	0.60	0.75
θ	0	-	12°
P	0.24	0.42	0.60
Q	0.30	0.40	0.65
R	0.13	0.17	0.23



TITLE:  
PACKAGE OUTLINE, 20L PUNCH QFN,  
4x4x0.85mm

APPROVAL	DOCUMENT CONTROL NO. 21-0694	REV. A	2/2
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