



DIM	MILLIMETERS			INCHES		
	MIN	NOM	MAX	MIN	NOM	MAX
A	0.90	0.95	1.00	.035	.037	.039
A1	0.00	0.02	0.05	.000	.001	.002
A3	0.20 REF			.008 REF		
b	0.18	0.25	0.30	.007	.010	.012
D	3.75 BSC			.148 BSC		
E	4.00 BSC			.157 BSC		
e	0.50 BSC			.020 BSC		
N	12 PINS			12 PINS		

- NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
 2. N IS THE TOTAL NUMBER OF TERMINALS.
 3. DIMENSIONING & TOLERANCING CONFORM TO ASME Y14.5-2009.

4. COPPLANARITY APPLIES TO THE TERMINALS AND ALL OTHER BOTTOM SURFACE METALLIZATION.

5. DIMENSION b APPLIES TO METALLIZED TERMINAL AND IS MEASURED BETWEEN 0.15MM AND 0.30MM FROM THE TERMINAL TIP. IF THE TERMINAL HAS THE OPTIONAL RADIUS ON THE OTHER END OF THE TERMINAL, THE DIMENSION b SHOULD NOT BE MEASURED IN THAT RADIUS AREA.

6. MARKING SHOWN IS FOR PACKAGE ORIENTATION REFERENCE ONLY.
7. MATERIAL MUST BE COMPLIANT WITH MAXIM SPECIFICATION 10-0131 FOR SUBSTANCE CONTENT, MUST BE EU ROHS COMPLIANT WITHOUT EXEMPTION AND PB-FREE.
8. ALL DIMENSIONS APPLY TO PkFREE (+) PKG. CODE ONLY.
9. PACKAGE CODE: P123A4F+3.



TITLE:
PACKAGE OUTLINE, 12L FCQFN
3.75X4.00X0.95mm

APPROVAL

DOCUMENT CONTROL NO.
21-0970

REV.
A

1/1

-DRAWING NOT TO SCALE-