



DETAIL 'A'



TITLE:  
PACKAGE OUTLINE, 64L SAWN QFN,  
9X9X0.9mm - SENSOR DYNAMICS

APPROVAL	DOCUMENT CONTROL NO. 21-0645	REV. A	1/2
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-DRAWING NOT TO SCALE-

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. DIMENSIONING & TOLERANCING CONFORM TO ASME Y14.5M-1994.
3. N IS THE TOTAL NUMBER OF TERMINALS.
4. THE PIN #1 IDENTIFIER MUST BE PLACED ON THE TOP SURFACE OF THE PACKAGE BY USING INDENTATION MARK OR OTHER FEATURE OF PACKAGE BODY.
5. DIMENSION b APPLIES TO METALLIZED TERMINAL AND IS MEASURED BETWEEN 0.25mm AND 0.30mm FROM TERMINAL TIP.
6. ND AND NE REFER TO THE NUMBER OF TERMINALS ON EACH D AND E SIDE, RESPECTIVELY.
7. DIE THICKNESS ALLOWABLE IS 0.305 mm MAXIMUM (.012 INCHES MAXIMUM)
8. COPLANARITY APPLIES TO THE EXPOSED HEAT SINK SLUG AS WELL AS THE TERMINALS.
9. PACKAGE WARPAGE MAX 0.08 mm.
10. MARKING IS FOR PACKAGE ORIENTATION REFERENCE ONLY.
11. MATERIAL MUST COMPLY WITH BANNED AND RESTRICTED SUBSTANCES SPEC # 10-0131
12. ALL DIMENSIONS APPLY TO PbFREE (+) PKG. CODE.
13. PKG CODES: G6499MN-1, G6499N-1

PKG REF.	DIMENSIONS		
	MIN.	NOM.	MAX.
A	-	-	0.90
A1	-	-	0.05
A2	-	0.65	0.70
A3	0.20 REF		
b	0.18	0.25	0.30
D	9.00 BSC		
D2	6.20	6.30	6.40
E	9.00 BSC		
E2	6.50	6.60	6.70
e	0.50 BSC		
k	0.20	-	-
L	0.35	0.40	0.45
N	64		
ND	16		
NE	16		
aaa	0.10		
bbb	0.10		
ccc	0.05		



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