

J	JEDEC VARIATION			
	MIN	NOM	MAX	
BSC				
L	32			
N		.80 BSC		
e	.30	.37	.45	
b1	.30	.35	.40	
ccc	-	-	.10	
ddd	-	-	.20	

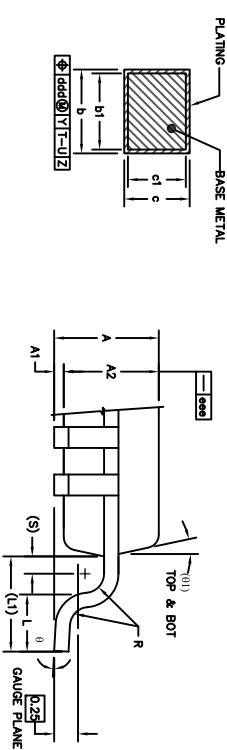
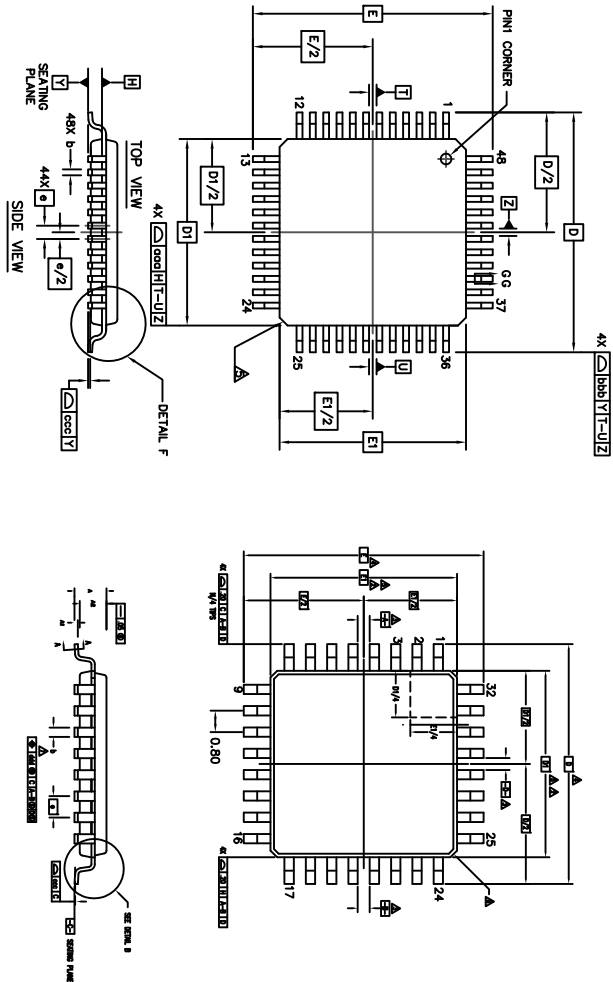
	SYMBOL	MIN	NOM	MAX
LEAD WIDTH(PLATING)	b	0.17	---	0.27
LEAD WIDTH	b1	0.17	---	0.23
L/F THICKNESS(PLATING)	c	0.09	---	0.2
L/F THICKNESS	c1	0.09	---	0.16
LEAD PITCH	N		48	
	e		0.5 BSC	
	S		0.2 REF	
PACKAGE EDGE TOLERANCE	aaa		0.2	
LEAD EDGE TOLERANCE	bbb		0.2	
COPLANARITY	ccc		0.08	
LEAD OFFSET	ddd		0.08	
MOLD FLATNESS	eee		0.05	

COMMON DIMENSIONS

	SYMBOL	MIN	NOM	MAX
TOTAL THICKNESS	A	1	---	1.2
STAND OFF	A1	0.05	---	0.15
MOLD THICKNESS	A2	0.95	---	1.05
	L	0.5	---	0.7
FOOTPRINT	L1		1 REF	
	θ	1°	---	5°
	01		12° REF	
	R	0.15	---	0.25
	X		9 BSC	
	Y		9 BSC	
	X		D1	
	Y		E1	
BODY SIZE				
	X		D1	
	Y		E1	

NOTES

- DATUM PLANE H IS LOCATED AT BOTTOM OF LEAD AND IS COINCIDENT WITH THE LEAD EXITS THE PLASTIC BODY AT THE BOTTOM OF THE PARTING LINE.
- DATUMS T, U AND Z TO BE DETERMINED AT DATUM PLANE H.
- DIMENSIONS D AND E TO BE DETERMINED AT SEATING PLANE DATUM Y.
- DIMENSIONS D1 AND E1 DO NOT INCLUDE MOLD PROTRUSION. ALLOWABLE PROTRUSION IS 0.25MM PER SIDE. DIMENSIONS D1 AND E1 DO INCLUDE MOLD MISMATCH AND ARE DETERMINED AT DATUM PLANE H.
- DIMENSION B DOES NOT INCLUDE DAMBAR PROTRUSION. DAMBAR PROTRUSION SHALL NOT CAUSE THE B DIMENSION TO EXCEED 0.35.
- MINIMUM SOLDER PLATE THICKNESS SHALL BE 0.0076.
- EXACT SHAPE OF EACH CORNER IS OPTIONAL.
- UNIT IN MM.



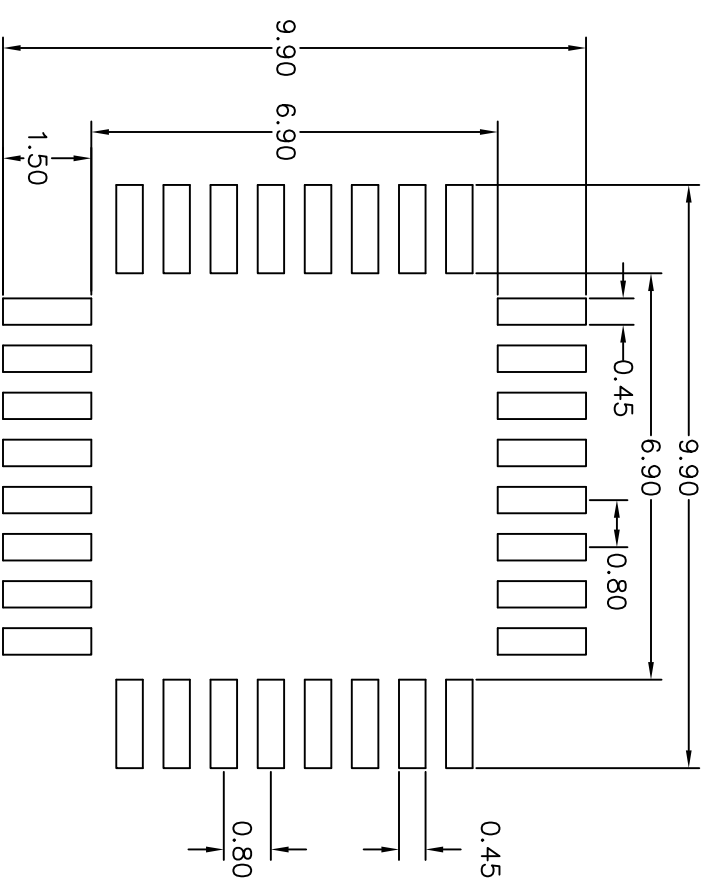
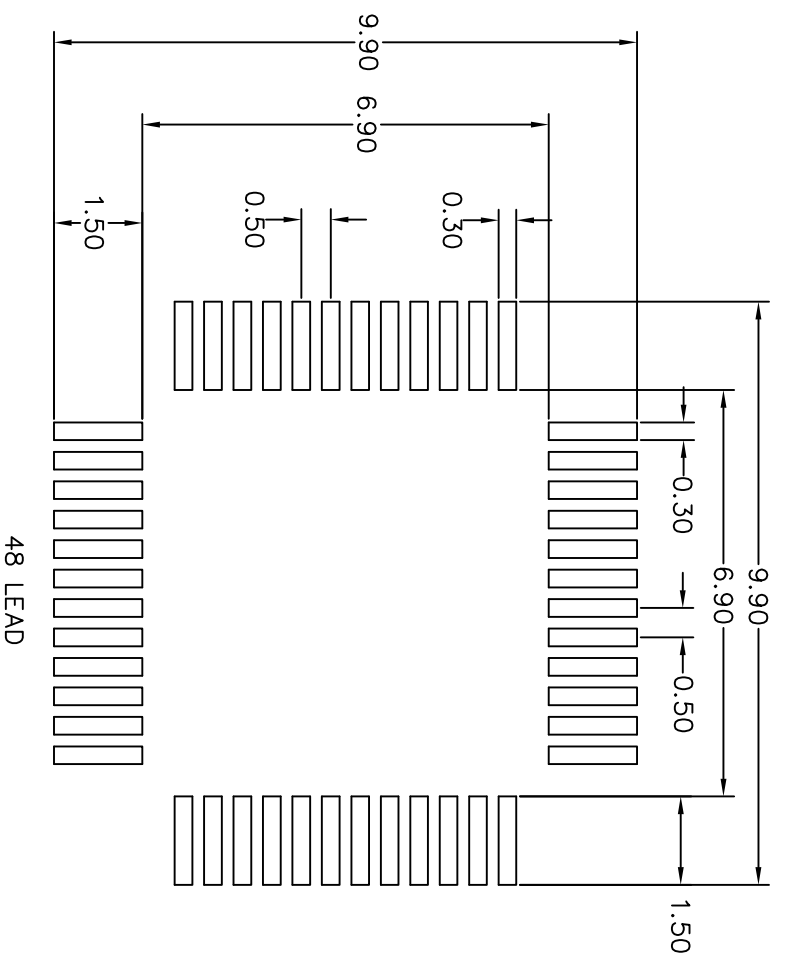
SECTION G-G
SCALE: 100/1

DETAIL F
SCALE: 25/1

TOLERANCES UNLESS SPECIFIED		DECIMAL		ANGULAR	
XXX±		±			
XXXX±					
APPROVALS	DATE	TITLE			
DRAWN CJC	06/09/11	FR/ERG32/48 TOFP PACKAGE OUTLINE			
CHECKED		7.0 X 7.0 X 1.0 PKG			
SIZE	DRAWING No.	PSC-4167			
C		REV 02			
DO NOT SCALE DRAWING		SHEET 1 OF 3			

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RECOMMENDED LAND PATTERN DIMENSION

NOTES:

1. ALL DIMENSION ARE IN mm. ANGLES IN DEGREES.
2. TOP DOWN VIEW. AS VIEWED ON PCB.
3. LAND PATTERN IN BLUE. NSMD PATTERN ASSUMED.
4. LAND PATTERN RECOMMENDATION PER IPC-7351B LP CALCULATOR.

TOLERANCES UNLESS SPECIFIED			
DECIMAL	ANGULAR		
XXX.X	±		
XXXX			
APPROVALS	DATE	TITLE	
DRAWN GJC	06/09/11	ER/ERG32/48 TOP PACKAGE OUTLINE	
CHECKED		7.0 X 7.0 X 1.0 PKG	
SIZE	DRAWING No.	REV	
C	PSC-4167	02	
DO NOT SCALE DRAWING		SHEET 2 OF 3	


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