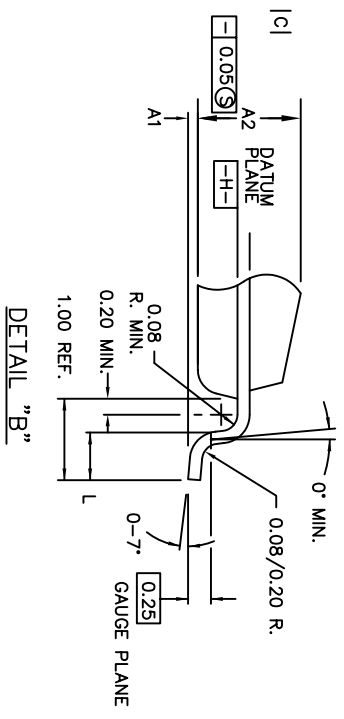
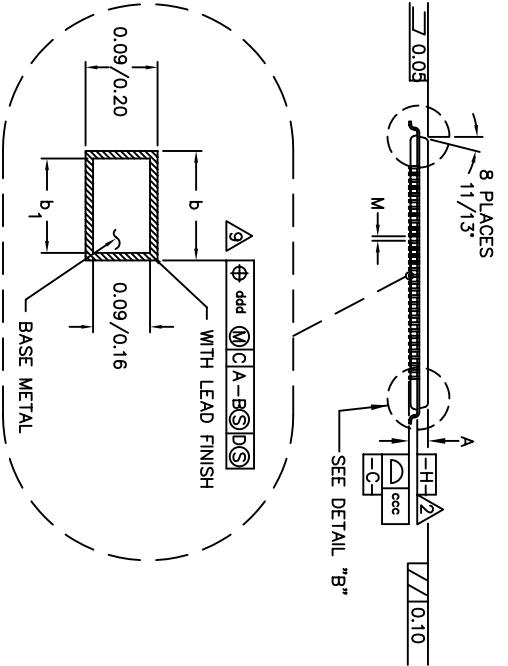
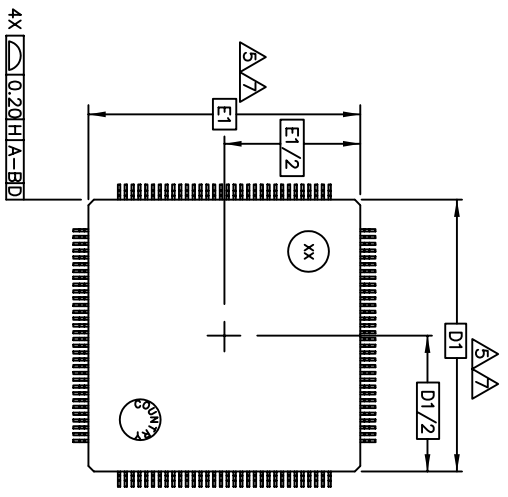
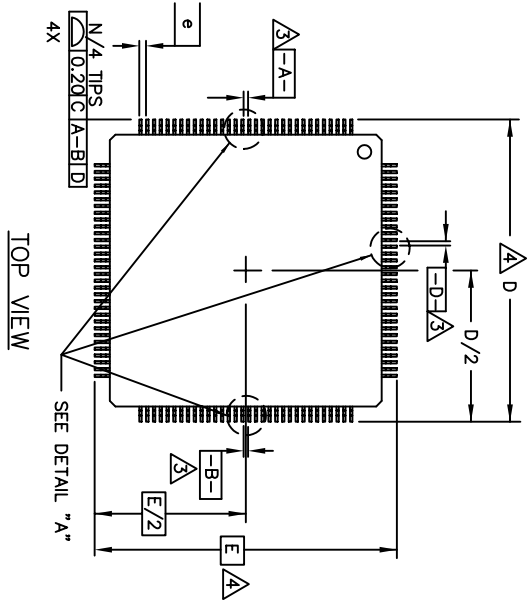


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	INITIAL RELEASE	07/13/00	DX
01	REVISE PROFILE HEIGHT, A	02/01/01	DX
02	COMBINE POD & LAND PATTERN	07/19/13	KS



UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN MILLIMETERS  
ANGULAR ±1°

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San Jose, CA 95138  
PHONE: (408) 284-8200

DT80 PACKAGE OUTLINE  
12 X 12 mm BODY TOFP  
1.00/0.10 mm FORM, 1.40 mm THICK

APPROVALS	DATE	DRAWING No.	SIZE	SCALE	REV
DRAWN: JXC	07/13/00	PSC-4095	B	N/A	02
CHECKED:					

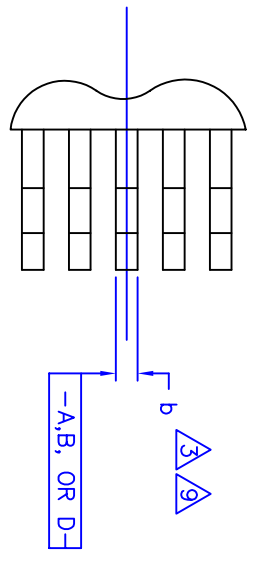
**NOTES:**

1. ALL DIMENSIONING AND TOLERANCING CONFORM TO ANSI Y14.5-1982.
2. DATUM PLANE  $\square$  LOCATED AT MOLD PARTING LINE AND COINCIDENT WITH LEAD, WHERE LEAD EXISTS PLASTIC BODY AT BOTTOM OF PARTING LINE.
3. DATUMS  $\square$  AND  $\square$  TO BE DETERMINED AT CENTERLINE BETWEEN LEADS WHERE LEADS EXIT PLASTIC BODY AT DATUM PLANE  $\square$ .
4. LEADS WHERE DETERMINED AT SEATING PLANE  $\square$ .
5. DIMENSIONS D1 AND E1 DO NOT INCLUDE MOLD PROTRUSION. ALLOWABLE MOLD PROTRUSION IS 0.254 MM ON D1 AND E1 DIMENSIONS.
6. "N" IS THE TOTAL NUMBER OF TERMINALS.
7. THESE DIMENSIONS TO BE DETERMINED AT DATUM PLANE  $\square$ .
8. PACKAGE TOP DIMENSIONS ARE SMALLER THAN BOTTOM DIMENSIONS. AND TOP OF PACKAGE WILL NOT OVERHANG BOTTOM OF PACKAGE.

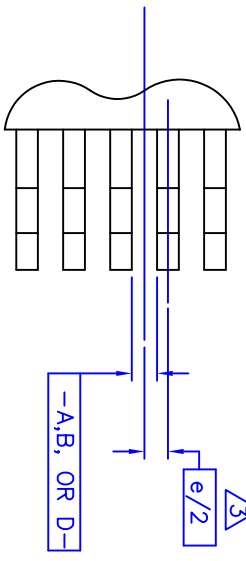
9. DIMENSION b DOES NOT INCLUDE DAMBAR PROTRUSION. AT EXCESS OF THE PROTRUSION SHALL BE 0.075 mm. TOTAL EXCESS OF THE PROTRUSION SHALL BE 0.075 mm. TOTAL CONDITION DAMBAR CANNOT BE LOCATED ON THE LOWER RADIUS OR THE FOOT.
10. CONTROLLING DIMENSION: MILLIMETER.
11. MAXIMUM ALLOWABLE DIE THICKNESS TO BE ASSEMBLED IN THIS PACKAGE FAMILY IS 0.50 MILLIMETERS.
12. THIS OUTLINE CONFORMS TO JEDEC PUBLICATION 95 REGISTRATION MO-136, VARIATION AM.

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	INITIAL RELEASE	07/13/00	DX
01	REVISE PROFILE HEIGHT, A	02/07/01	DX
02	COMBINE POD & LAND PATTERN	07/19/13	KS

**ODD LEAD SIDES**



**EVEN LEAD SIDES**



**DETAIL "A"**

SYMBOL	JEDEC VARIATION			ALL DIMENSIONS IN MILLIMETERS		
	MIN.	NOM.	MAX.	N T E		
A	~	~	1.60	4		
A1	0.05	~	0.15			
A2	1.35	1.40	1.45	4		
D	14.00 BSC.					
D1	12.00 BSC.			7.8		
E	14.00 BSC.					
E1	12.00 BSC.			7.8		
L	0.45	0.60	0.75			
M	~			80		
N	~					
e	0.50 BSC.			9		
b	0.17	0.22	0.27			
b1	0.17	0.20	0.25	9		
ccc	~	~	0.08			
ddd	~	~	0.08	9		
eee	~	~	0.08			

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN MILLIMETERS  
DECIMAL XX.XX  
XX.XX  
XX.XX  
XX.XX

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DT80 PACKAGE OUTLINE  
12 X 12 mm BODY TQFP  
1.00/0.10 mm FORM, 1.40 mm THICK

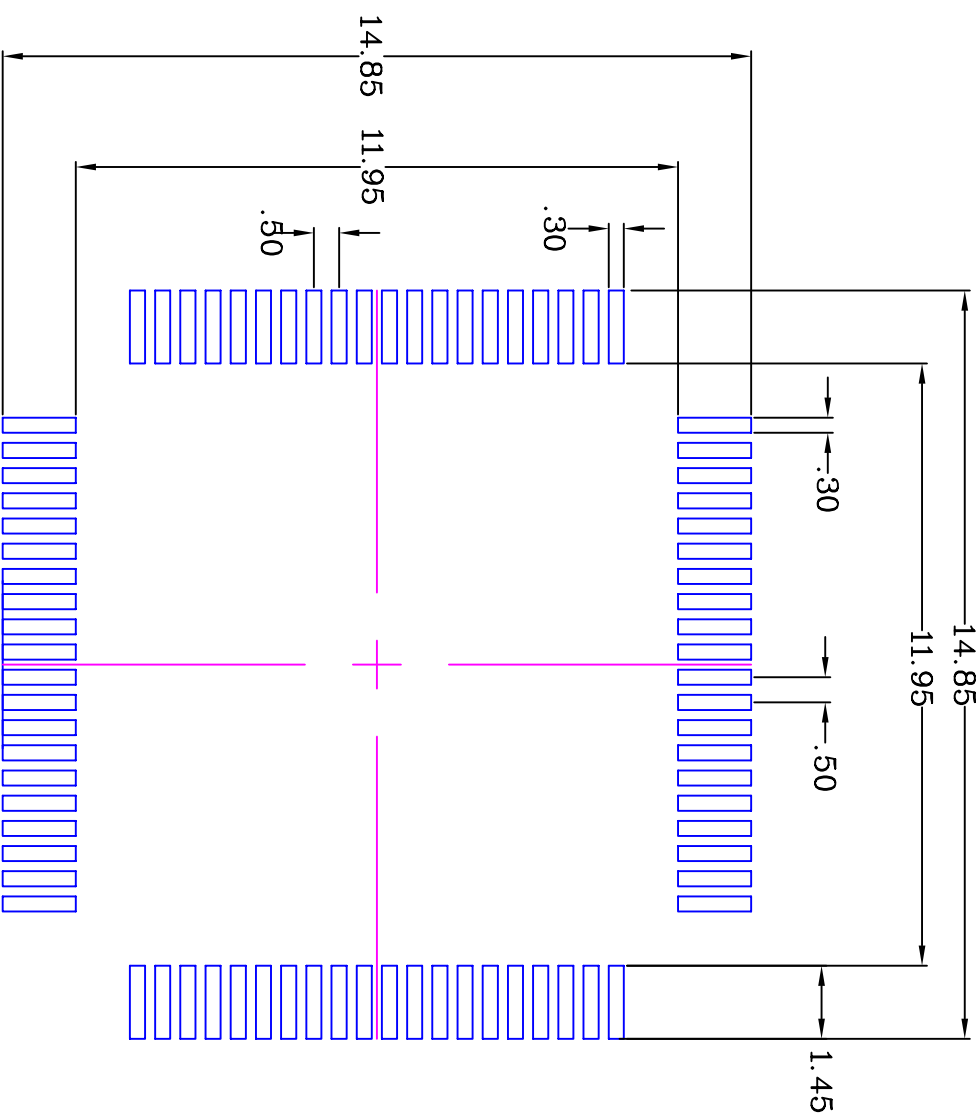
APPROVALS DATE  
DRAWN *gjc* 07/13/00  
CHECKED

DRAWING No. PSC-4095  
DO NOT SCALE DRAWING

SIZE SCALE REV  
B N/A 02

SHEET 2 OF 3


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	INITIAL RELEASE	07/13/00	DX
01	REVISE PROFILE HEIGHT - A	02/01/01	DX
02	COMBINE POD & LAND PATTERN	07/19/13	KS



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.

<small>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS XX ±0.10 XXX ±0.05 XXXX ±0.08</small>		<small>SPECIFIED ANGULAR °</small>	
APPROVALS	DATE	DT80 PACKAGE OUTLINE	
DRAWN: JSC	07/13/00	12 X 12 mm BODY TOPP	
CHECKED		1.00/0.10 mm FORM, 1.40 mm THICK	
		DRAWING No.	PSC-4095
		SIZE	B
		SCALE	N/A
		REV	02
DO NOT SCALE DRAWING			
SHEET 3 OF 3			


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