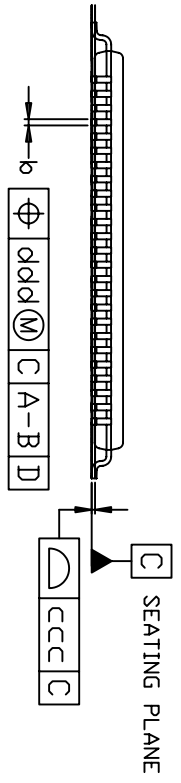
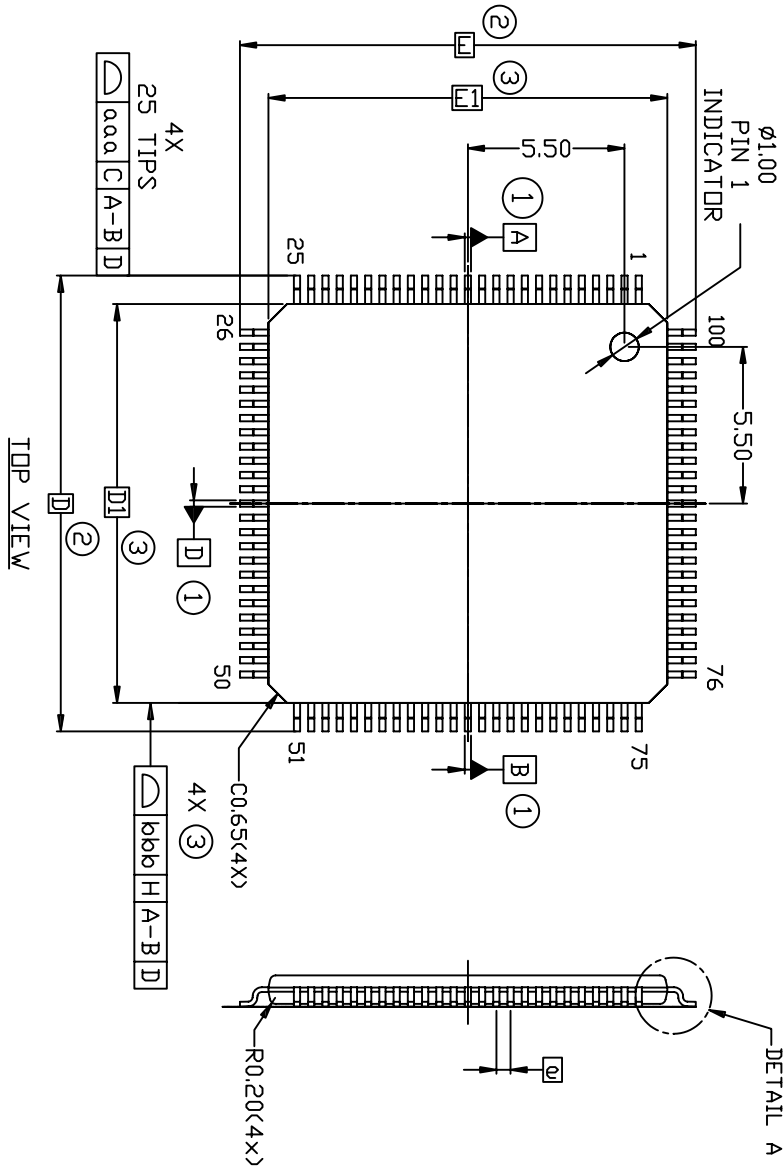


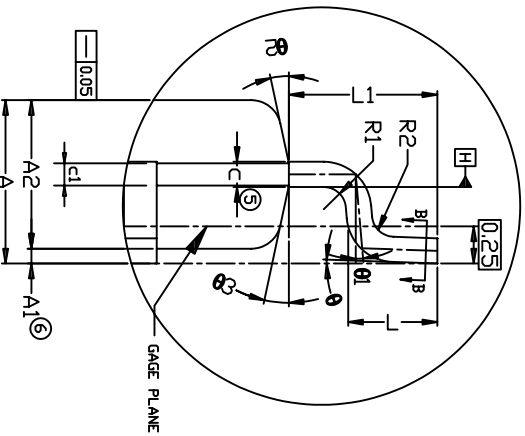
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	INITIAL RELEASE	02/14/08	REV T.
01	ADD 128 PACKAGE TABLE	4/24/08	REV T.
02	REMOVED 128L TABLE; NEW PSC FOR 128L OPTION	3/4/11	JG
03	COMBINE POD & LAND PATTERN	6/24/13	KS



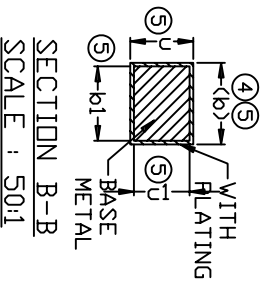
TOLERANCES UNLESS SPECIFIED		6024 Silver Creek Valley Road	
DECIMAL	ANGULAR	San Jose CA 95138	
X.1	±1°	PHONE: (408) 284-8200	
XXX.1		FAX: (408) 284-8591	
WWW.IDT.COM		IDT™	
TITLE		EM/EMG PACKAGE OUTLINE	
DRAWN		14.0 x 14.0 x 1.0 mm BODY	
CHECKED		TOP	
DATE		PSC-4193	
APPROVALS		DRAWING No.	
		C	
		DO NOT SCALE DRAWING	
		SHEET 1 OF 3	

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	INITIAL RELEASE	02/14/08	REV T.
01	ADD 128 PACKAGE TABLE	4/24/08	REV T.
02	REMOVED 128L TABLE; NEW PSC FOR 128L OPTION	3/4/11	JG
03	COMBINE POD & LAND PATTERN	6/24/13	KS

SYMBOL	Min.	Nom.	Max.
A	-	-	1.20
A1	0.05	-	0.15
A2	0.95	1.00	1.05
b	0.17	0.22	0.27
b1	0.17	0.20	0.23
D	-	16.00	BSC
D1	-	14.00	BSC
e	-	0.50	BSC
E	-	16.00	BSC
E1	-	14.00	BSC
Ø	0°	3.5°	7°
Ø1	0°	-	-
SYMBOL	Min.	Norm.	Max.
Ø2	11°	12°	13°
Ø3	11°	12°	13°
c	0.09	-	0.20
c1	0.09	-	0.16
L	0.45	0.60	0.75
L1	-	1.00	REF
R1	0.08	-	-
R2	0.08	-	0.20
REF	TOLERANCES OF FORM & POSITION		
aaa	0.20		
bbb	0.20		
ccc	0.08		
ddd	0.08		
N	100		




DETAIL A  
SCALE : 20:1

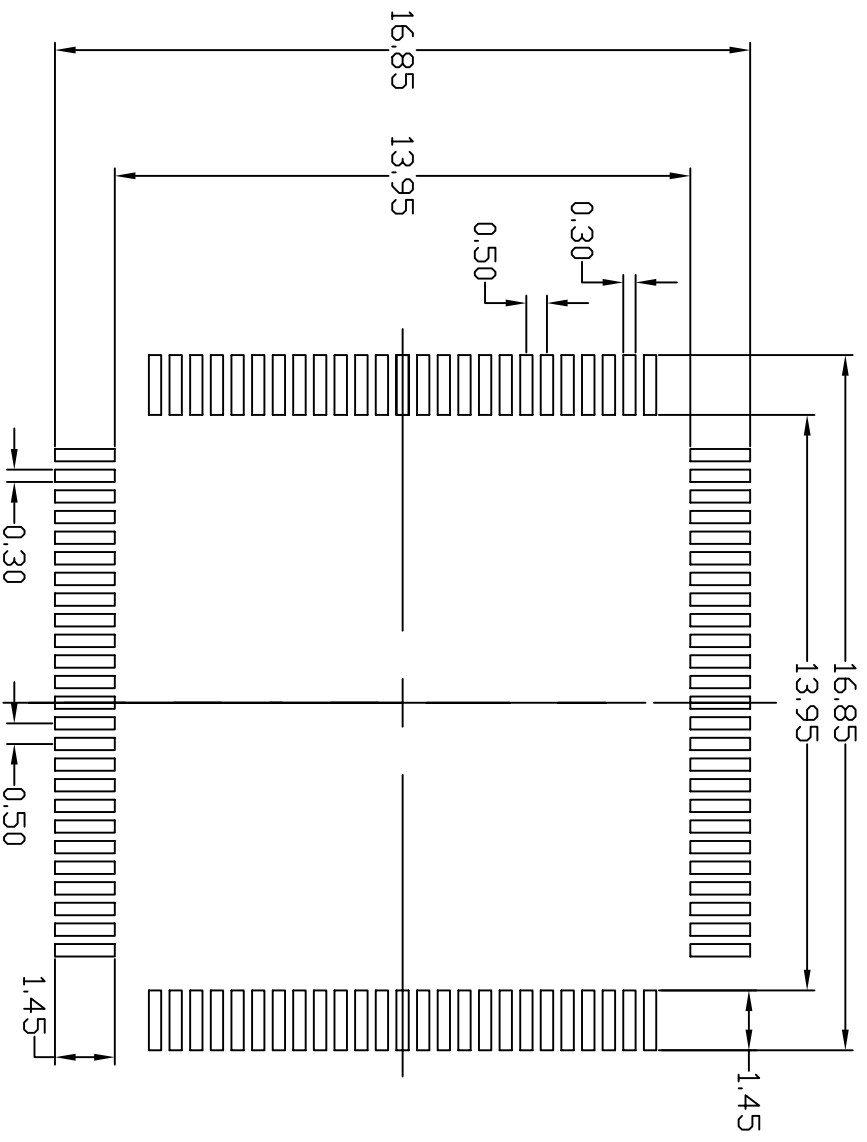


SECTION B-B  
SCALE : 50:1

- NOTE :
- DATUM A-B AND D TO DETERMINE AT DATUM PLANE H.
  - TO BE DETERMINED AT SEATING DATUM PLAN C.
  - DIMENSION D1 AND E1 DO NOT INCLUDE MOLD PROTRUSIONS, ALLOWABLE PROTRUSION IS 0.25 mm PER SIDE. S1 AND E1 ARE MAXIMUM PLASTIC BODY SIZE DIMENSION INCLUDING MOLD MISMATCH.
  - DIMENSION b DOSE NOT INCLUDE DAMBAR PROTRUSION, ALLOWABLE DAMBAR PROTRUSION SHALL NOT CAUSE THE LEAD WIDTH TO EXCEED THE MAXIMUM b DIMENSION BY MORE THAN 0.08 mm. DAMBAR CANNOT BE LOCATED ON THE LOWER RADIUS OR THE FOOT. MINIMUM SPACE BETWEEN PROTRUSION AND ADJACENT LEAD IS 0.07 mm FOR 0.4mm AND 0.5 mm PITCH PACKAGE.
  - THESE DIMENSIONS APPLY TO THE FLAT SECTION OF THE BETWEEN 0.10 mm AND 0.25 mm FROM THE LEAD TIP.
  - A1 IS THE DEFINED AS THE DISTANCE FROM THE SEATING PLANE TO THE LOWEST POINT ON THE PACKAGE BODY.
  - PACKAGE DIMENSIONS CONFORM TO JEDEC MS-026 Rev.J

TOLERANCES UNLESS SPECIFIED		DATE		TITLE	
DECIMAL	ANGULAR	DATE		EM/EMG PACKAGE OUTLINE	
±	±	02/14/08		14.0 x 14.0 x 1.0 mm BODY	
DRAWN <i>dadg</i>		CHECKED		SIZE	DRAWING No.
CHECKED				C	PSC-4193
APPROVALS				DO NOT SCALE DRAWING	SHEET 2 OF 3
 6024 Silver Creek Valley Road San Jose CA 95138 PHONE: (408) 284-8200 FAX: (408) 284-8591 www.IDT.com				REV	03

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	INITIAL RELEASE	02/14/08	REV T.
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03	COMBINE POD & LAND PATTERN	6/24/13	KS



**RECOMMENDED FOOT PRINT DIMENSION**

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

TOLERANCES UNLESS SPECIFIED DECIMAL ±1"		ANGULAR ±1°	
DRAWN 04dG		DATE 02/14/08	
CHECKED			
APPROVALS		DATE	
XXX+			
XXX+			
WWW.IDT.COM		TITLE EM/EMG PACKAGE OUTLINE	
6024 Silver Creek Valley Road		14.0 x 14.0 x 1.0 mm BODY	
San Jose CA 95138		TOFP	
PHONE: (408) 284-8200		SIZE C	
FAX: (408) 284-8591		DRAWING No. PSC-4193	
		REV 03	
DO NOT SCALE DRAWING		SHEET 3 OF 3	