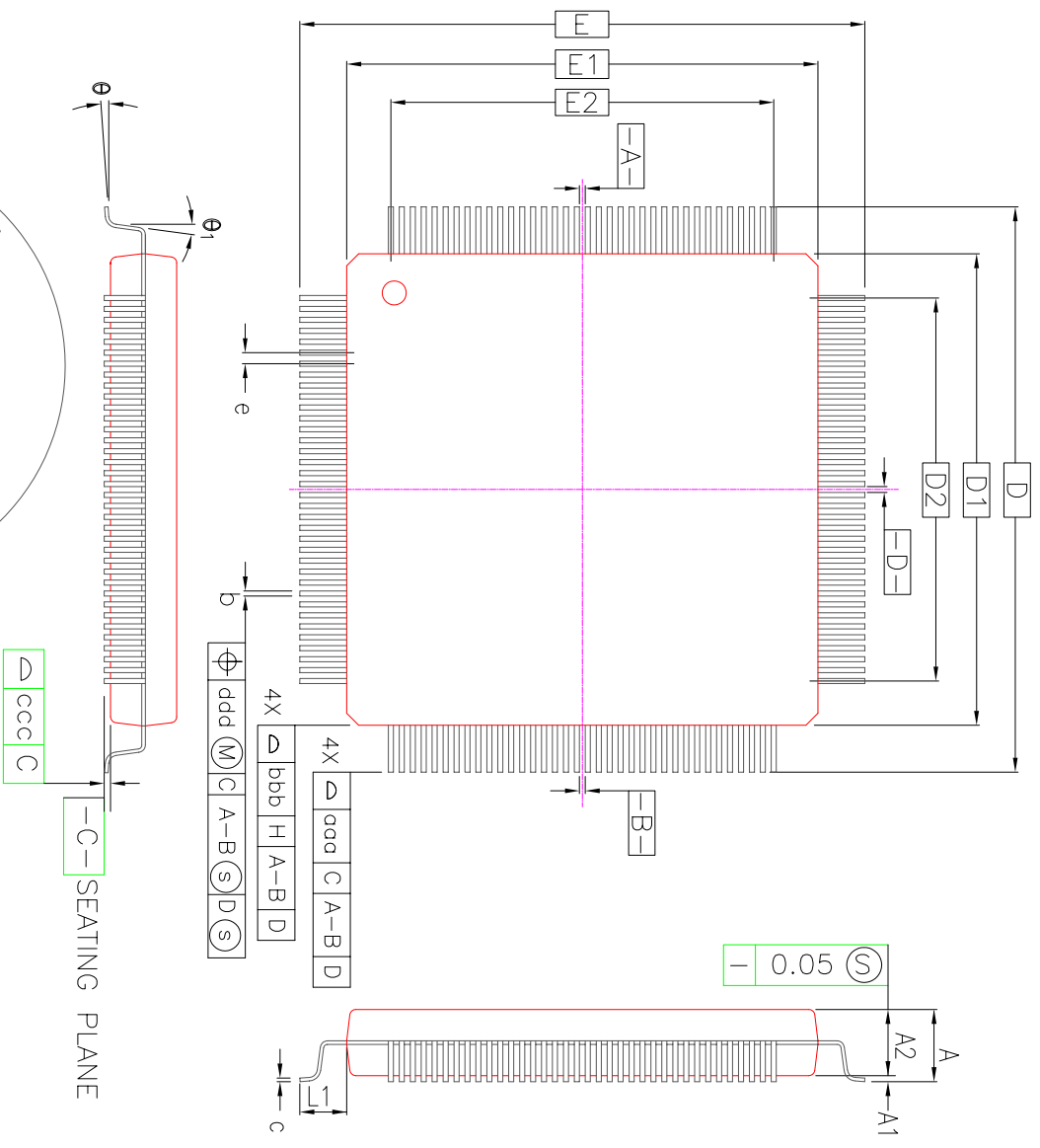


REVISIONS				
REV	DESCRIPTION	DATE	APPROVED	
00	INITIAL RELEASE	1/15/13	RC	

COTROL DIMENSIONS ARE IN MILLIMETERS.



SYMBOL	MILLIMETER			INCH		
	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.
A	—	—	1.60	—	—	0.063
A1	0.05	—	0.15	0.002	—	0.006
A2	1.35	1.40	1.45	0.053	0.055	0.057
D	22.00 BSC.			0.866 BSC.		
D1	20.00 BSC.			0.787 BSC.		
E	22.00 BSC.			0.866 BSC.		
E1	20.00 BSC.			0.787 BSC.		
R2	0.08	—	0.20	0.003	—	0.008
R1	0.08	—	—	0.003	—	—
θ	0°	3.5°	7°	0°	3.5°	7°
θ1	0°	—	—	0°	—	—
θ2	11°	12°	13°	11°	12°	13°
θ3	11°	12°	13°	11°	12°	13°
c	0.09	—	0.20	0.004	—	0.008
L	0.45	0.60	0.75	0.018	0.024	0.030
L1	1.00 REF			0.039 REF		
S	0.20	—	—	0.008	—	—

TOLERANCES UNLESS SPECIFIED
 DECIMAL ANGULAR
 XXX± ±
 XXXXX±

APPROVALS DATE TITLE DAG176 PACKAGE OUTLINE
 DRAWN 02/01/15/13 20.0 mm SQ BODY
 CHECKED 1.4 mm THICK 0.4 mm PITCH PQFP

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 6024 Silver Creek Valley Road
 San Jose, CA 95138
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 FAX: (408) 284-8591


SIZE C DRAWING No. PSC-4452 REV 00
 DO NOT SCALE DRAWING SHEET 1 OF 2

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	INITIAL RELEASE	1/15/13	RC

SYMBOL	176L					
	MILLIMETER		INCH			
	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.
b	0.13	0.16	0.23	0.005	0.006	0.009
e	0.40 BSC.		0.016 BSC.			
D2	17.20		0.677			
E2	17.20		0.677			
TOLERANCES OF FORM AND POSITION						
qqa	0.20		0.008			
bbb	0.20		0.008			
ccc	0.08		0.003			
ddd	0.07		0.003			

NOTES :

- DIMENSIONS D1 AND E1 DO NOT INCLUDE MOLD PROTRUSION. ALLOWABLE PROTRUSION IS 0.25mm PER SIDE. D1 AND E1 ARE MAXIMUM PLASTIC BODY SIZE DIMENSIONS INCLUDING MOLD MISMATCH.
- DIMENSION b DOES NOT INCLUDE DAMBAR PROTRUSION. ALLOWABLE DAMBAR PROTRUSION SHALL NOT CAUSE THE LEAD WIDTH TO EXCEED THE MAXIMUM b DIMENSION BY MORE THAN 0.08mm.
DAMBAR CAN NOT BE LOCATED ON THE LOWER RADIUS OR THE FOOT. MINIMUM SPACE BETWEEN PROTRUSION AND AN ADJACENT LEAD IS 0.07mm FOR 0.4mm and 0.5mm PITCH PACKAGES.
- ALL DIMENSION OF 160L WERE BASE ON THOSE OF 176L SINCE THEY ARE NOT MENTIONED IN JEDEC SPEC MS-026.

TOLERANCES UNLESS SPECIFIED		 6024 Silver Creek Valley Road San Jose, CA 95138 PHONE: (408) 284-8200 FAX: (408) 284-8591	
DECIMAL	±	ANGULAR	±
XXX±		XXXX±	
APPROVALS	DATE	TITLE	SIZE
DRAWN <i>atc</i> 01/15/13		DAG176 PACKAGE OUTLINE	C
CHECKED		20.0 mm SQ BODY	DRAWING No. PSC-4452
		1.4 mm THICK 0.4 mm PITCH PQFP	REV 00
DO NOT SCALE DRAWING			SHEET 2 OF 2