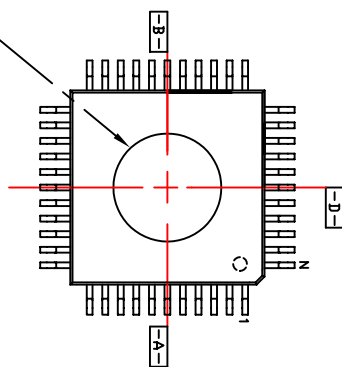
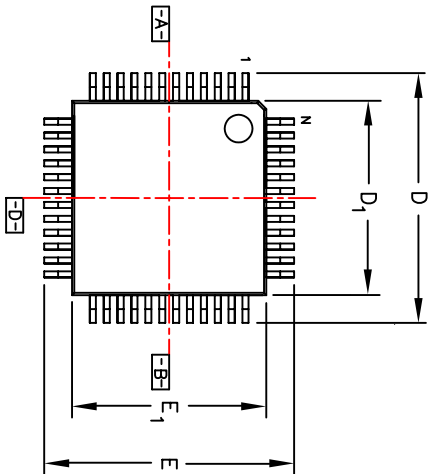


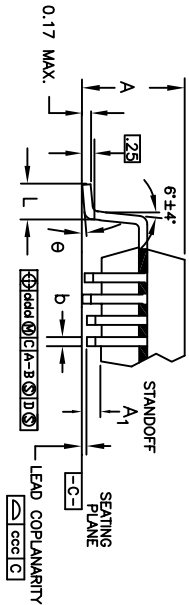
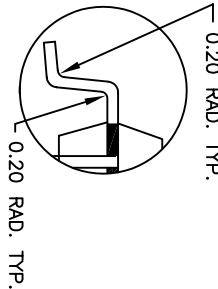
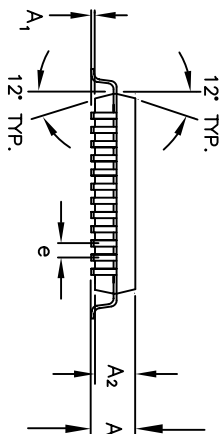
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	INITIAL RELEASE	02/25/08	RC
01	COMBINE POD & LAND PATTERN	07/16/13	KS

TOP PACKAGE

BOTTOM PACKAGE
(DIE UP VERSION)



EXPOSED HEATSINK
(BOTTOM PACKAGE):
4.32±0.12 DIA.
INTRUSION: 0.0127mm MAX.,
PROTRUSION: 0.021mm MAX.



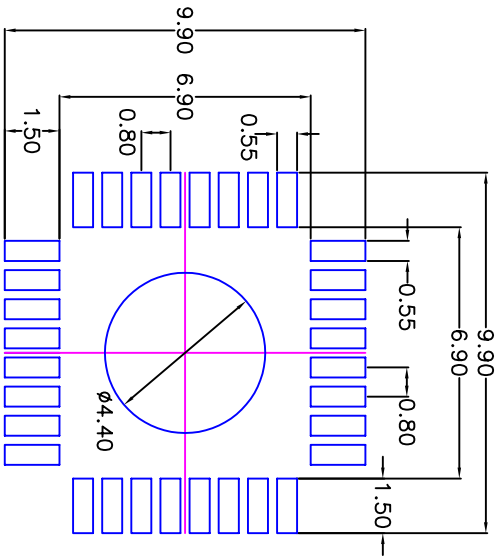
LEAD COUNT		32L	48L	64L
DIMS.	TOL.	1.4mm THICK	1.4mm THICK	1.4mm THICK
A	MAX.		1.60	
A1			.05 MIN./ .15 MAX.	
A2	± .05		1.40	
D	± .20		9.00	
D1	± .10		7.00	
E	± .20		9.00	
E1	± .10		7.00	
L	+ .15/- .10		.60	
e	BASIC	.80	.50	.40
b	± .05	.35	.22	.18
θ			0°-7°	
ddd	MAX.	.20	.08	.07
ccc	MAX.	.10	.08	.08
JEDEC REFERENCE DRAWING		MS-026	MS-026	MS-026
VARIATION DESIGNATOR		BBA	BBC	BBD

NOTES:

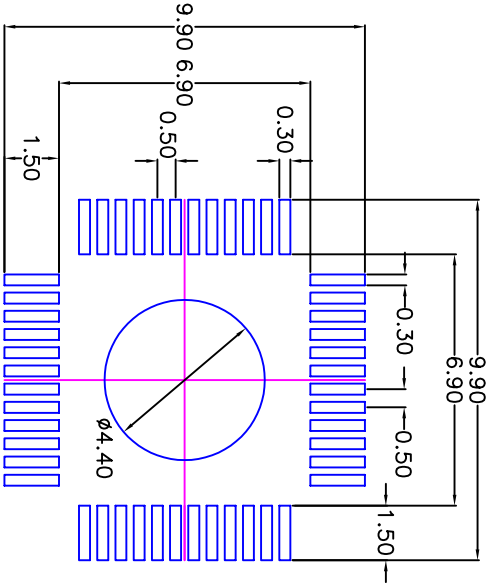
1. All dimensions in mm.
2. Dimensions shown are nominal with tolerances indicated.
3. Foot length 'L' is measured at gage plane 0.25mm above seating plane.
4. For die up, the heatsink is on package bottom. For die down, the heatsink is on package top.

TOLERANCES UNLESS SPECIFIED		6024 Silver Creek Valley Road San Jose CA 95138 PHONE: (408) 284-8200 FAX: (408) 284-8591	
DECIMAL	ANGULAR	 www.IDT.com	
X±	±1°		
X±			
XXX±			
APPROVALS	DATE	TITLE ES/ESG 48 PACKAGE OUTLINE	
DRAWN <i>RAJC</i>	02/25/08	7.0 x 7.0 mm BODY	
CHECKED		0.50 mm PITCH LGFP	
		SIZE DRAWING No. PSC-4205	
		REV 01	
		DO NOT SCALE DRAWING	
		SHEET 1 OF 2	

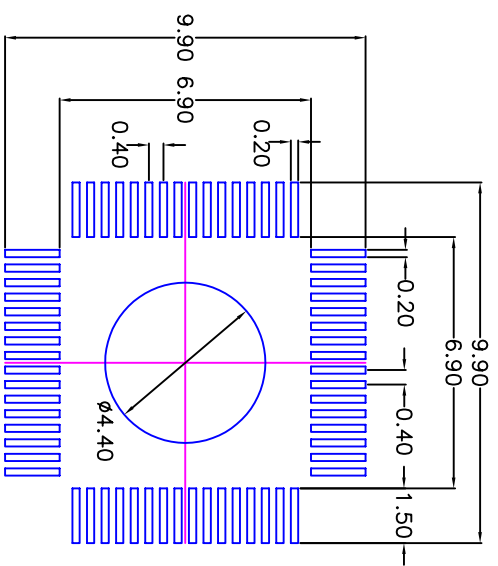
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	INITIAL RELEASE	02/25/08	RC
01	COMBINE POD & LAND PATTERN	07/16/13	KS



32 LEADS



48 LEADS



64 LEADS

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		6024 Silver Creek Valley Road	
DECIMAL	ANGULAR	San Jose CA 95138	
$\times \pm$	$\pm 1^\circ$	PHONE: (408) 284-8200	
XX $\pm$		FAX: (408) 284-8591	
XXXX			
APPROVALS	DATE	TITLE	
DRAWN <i>adg</i>	02/25/08	ES/ESG 48 PACKAGE OUTLINE	
CHECKED		7.0 x 7.0 mm BODY	
		0.50 mm PITCH LQFP	
SIZE	DRAWING No.	REV	
C	PSC-4205	01	
DO NOT SCALE DRAWING		SHEET 2 OF 2	



6024 Silver Creek Valley Road
San Jose CA 95138
PHONE: (408) 284-8200
FAX: (408) 284-8591

www.idt.com