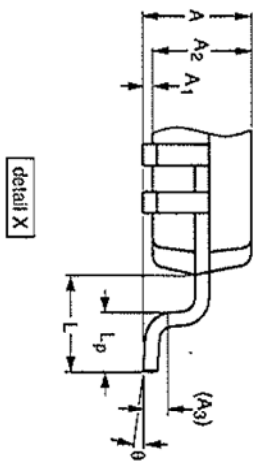
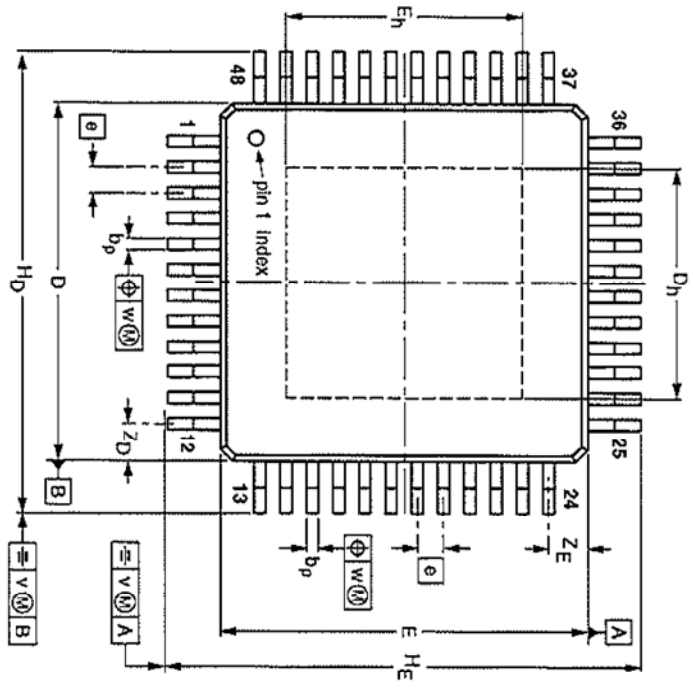
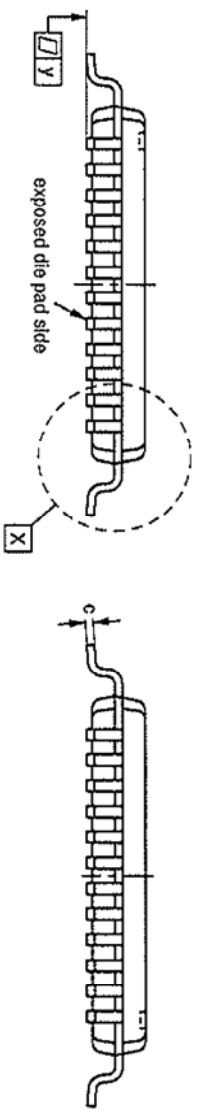


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	INITIAL RELEASE	1/14/13	RC
01	COMBINE POD & LAND PATTERN	7/15/13	KS



**DIMENSIONS (mm are the original dimensions)**

UNIT	A	A1	A2	A3	b <sub>p</sub>	c	D <sup>(1)</sup>	D <sub>h</sub>	E <sup>(1)</sup>	E <sub>h</sub>	e	H <sub>D</sub>	H <sub>E</sub>	L	L <sub>p</sub>	v	w	y	Z <sub>D</sub> <sup>(1)</sup>	Z <sub>E</sub> <sup>(1)</sup>	θ
max.	1.2	0.15	1.05	0.25	0.27	0.20	7.1	4.6	7.1	4.6	0.5	9.1	9.1	1	0.75	0.2	0.08	0.08	0.9	0.9	7°
mm	1.2	0.05	0.95	0.25	0.17	0.09	6.9	4.4	6.9	4.4	0.5	8.9	8.9	1	0.45	0.2	0.08	0.08	0.6	0.6	7°

**Note**  
1. Plastic or metal protrusions of 0.25 mm maximum per side are not included.

TOLERANCES  
UNLESS SPECIFIED  
DECIMAL ±  
ANGULAR ±

XXXXX  
XXXXX  
XXXXX

APPROVALS DATE  
DRAWN 02/26/14/13

www.IDT.com  
6024 Silver Creek Valley Road  
San Jose, CA 95138  
PHONE: (408) 284-8200  
FAX: (408) 284-8591

**IDT**

TITLE  
ELG48 PACKAGE OUTLINE  
7.0 mm SQ BODY  
1.0 mm THICK 0.5 mm PITCH QFP

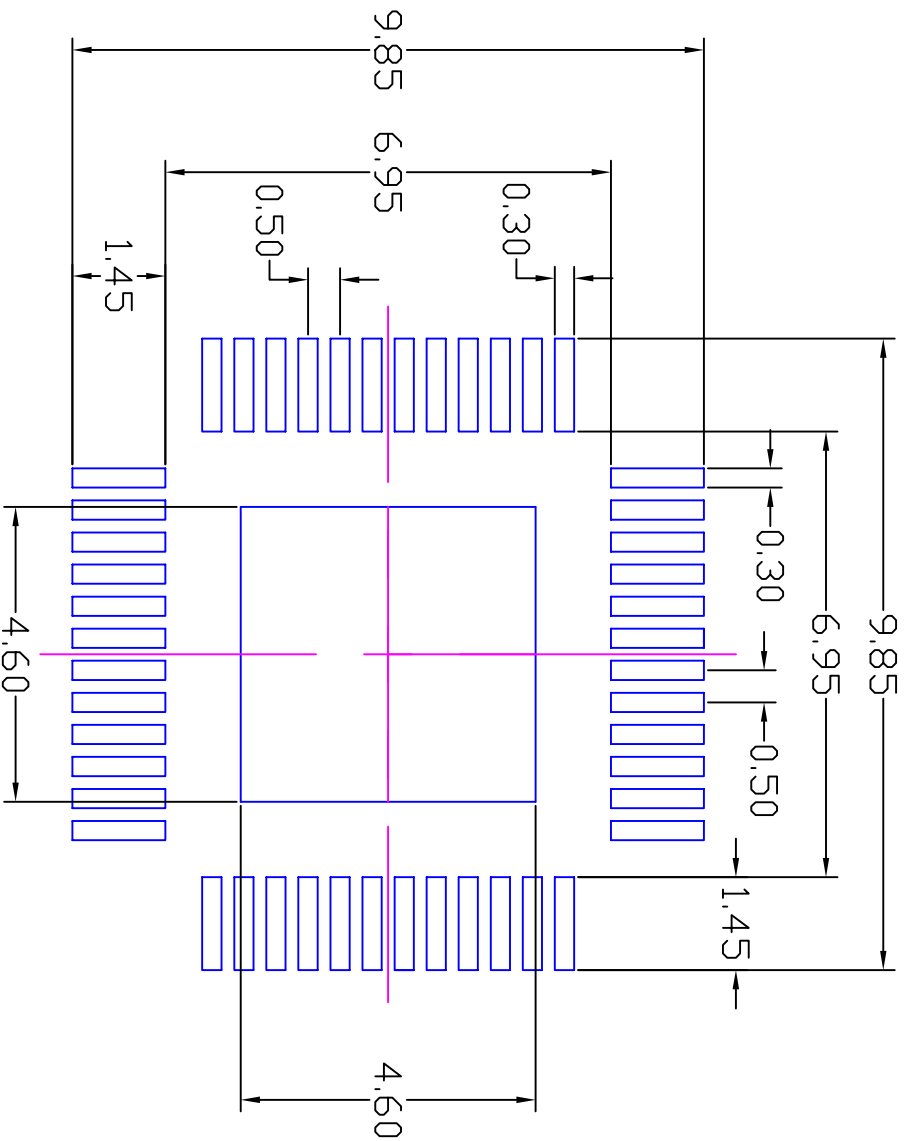
SIZE C DRAWING No. PSC-4423

CHECKED

DO NOT SCALE DRAWING

SHEET 1 OF 2


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	INITIAL RELEASE	1/14/13	RC
01	COMBINE POD & LAND PATTERN	7/15/13	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.

TOLERANCES UNLESS SPECIFIED		 <b>6024 Silver Creek Valley Road</b> San Jose, CA 95138 PHONE: (408) 284-8200 FAX: (408) 284-9591 <a href="http://www.idt.com">www.idt.com</a>	
DECIMAL ±	ANGULAR ±	TITLE	ELG48 PACKAGE OUTLINE
XXXX±		DATE	7.0 mm SQ BODY
XXXX±		DRAWN	1.0 mm THICK 0.5 mm PITCH QFP
XXXX±		CHECKED	
APPROVALS	DATE	SIZE	DRAWING No.
	01/14/13	C	PSC-4423
		DO NOT SCALE DRAWING	REV 01
			SHEET 2 OF 2