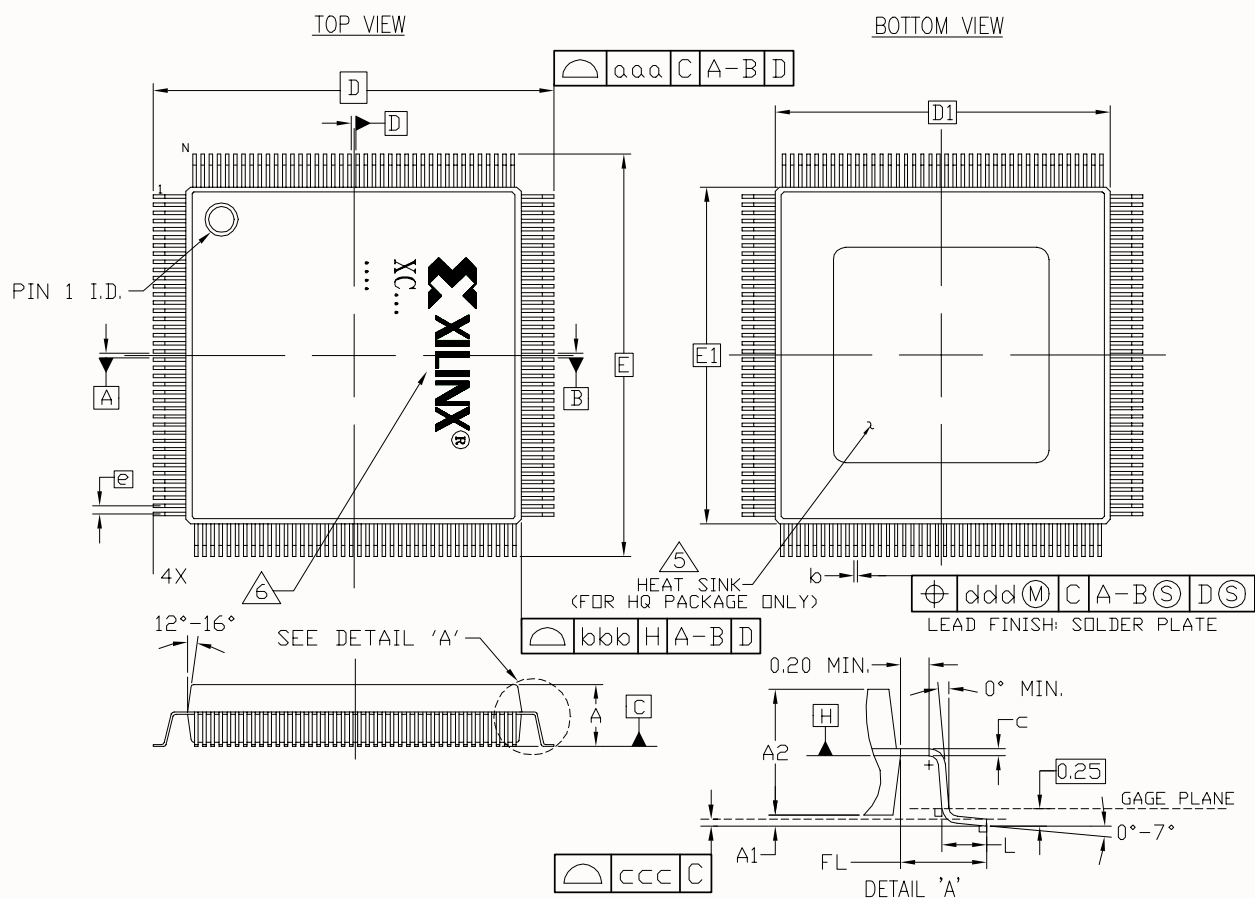




	PQ44			PQ/HQ160			PQ/HQ208			PQ/HQ240		
	MILLIMETERS			MILLIMETERS			MILLIMETERS			MILLIMETERS		
	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.
A	0.05	2.15	2.35	0.25	3.70	4.10	0.25	3.70	4.10	0.25	3.78	4.10
A ₁	1.95	2.00	2.10	3.20	0.33	0.50	3.20	0.33	0.50	3.20	0.38	0.50
A ₂					3.20	3.40	3.60				3.20	3.40
D/E	13.20 BSC			31.20 BSC			30.60 BSC			34.60 BSC		
D ₁ /E ₁	10.00 BSC			28.00 BSC			28.00 BSC			32.00 BSC		
FL	1.60 REF.			1.60 REF.			1.30 REF.			1.30 REF.		
L	0.73	0.88	1.03	0.73	0.88	1.03	0.50	0.60	0.75	0.50	0.60	0.75
e	0.80 BSC.			0.65 BSC.			0.50 BSC.			0.50 BSC.		
b	0.30		0.45	0.22		0.40	0.17	0.22	0.27	0.17		0.27
c	0.13		0.23	0.13		0.23	0.09		0.20	0.09		0.20
aaa			0.25			0.25			0.25			0.25
bbb			0.20			0.20			0.20			0.20
ccc			0.10			0.10			0.08			0.08
ddd			0.20			0.13			0.08			0.08
N	44			160			208			240		
REF.	JEDEC MS-022-AB			JEDEC MS-022-DD1			JEDEC MS-029-FA-1			JEDEC MS-029-GA		

- NOTES:
- ALL DIMENSIONS AND TOLERANCES CONFORM TO ANSI Y14.5M-1994.
 - DIMENSIONS D₁ AND E₁ DO NOT INCLUDE MOLD PROTRUSION. ALLOWABLE MOLD PROTRUSION SHALL NOT EXCEED 0.25mm PER SIDE.
 - PACKAGE TOP DIMENSIONS MAY BE SMALLER THAN THE BOTTOM DIMENSIONS BY 0.20mm.
 - THE SAME PACKAGE DIMENSIONS APPLY FOR THERMALLY ENHANCED PRODUCTS. HEAT SINK IS ADDED. THE PACKAGE CODE IS "HQ".
 - HEAT SINK DIMENSIONS: HQ160/HQ208=21mm SQ. REF.; HQ240=24mm SQ. REF.
 - MARK ORIENTATION WITH RESPECT TO PIN-1 I.D. IF 2 OR MORE CIRCLES EXIST ON TOP OF THE PACKAGE, USE THE SMALLEST CIRCLE AS PIN-1 I.D.