



DIMENSIONS	TQ/HT100			TQ/HT144			TQ/HT176		
	MILLIMETERS			MILLIMETERS			MILLIMETERS		
	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.
A	~	~	1.60	~	~	1.60	~	~	1.60
A ₁	0.05	~	0.15	0.05	0.10	0.15	0.05	0.10	0.15
A ₂	1.35	1.40	1.45	1.35	1.40	1.45	1.35	1.40	1.45
D/E	16.00 BSC			22.00 BSC			26.00 BSC		
D ₁ /E ₁	14.00 BSC			20.00 BSC			24.00 BSC		
L	0.45	0.60	0.75	0.45	0.60	0.75	0.45	0.60	0.75
e	0.50 BSC			0.50 BSC			0.50 BSC		
b	0.17	0.22	0.27	0.17	0.22	0.27	0.17	0.22	0.27
c	0.09	~	0.20	0.09	~	0.20	0.09	~	0.20
ccc	~	~	0.08	~	~	0.08	~	~	0.08
d _{ddd}	~	~	0.08	~	~	0.08	~	~	0.08
N	100			144			176		
REF.	JEDEC MS-026-BED			JEDEC MS-026-BFB			JEDEC MS-026-BGA		

NOTE:

1. ALL DIMENSIONS AND TOLERANCES CONFORM TO ANSI Y14.5-1982
2. DIMENSION D₁ AND E₁ DO NOT INCLUDE MOLD PROTRUSION. ALLOWABLE MOLD PROTRUSION SHALL NOT EXCEED 0.25mm PER SIDE.
3. PACKAGE TOP DIMENSION MAY BE SMALLER THAN THE BOTTOM DIMENSION BY 0.15mm.
4. THE SAME PACKAGE DIMENSIONS APPLY FOR THERMALLY ENHANCED PRODUCTS. HEAT SINK IS ADDED. THE PACKAGE CODE IS "HT".

100, 144, 176-PIN TQFP/HEAT SINK TQFP (TQ/HT100, 144, 176)