

## 144-Pin Plastic Thin Quad Flat Pack (TQFP)—Wire Bond

- All dimensions and tolerances conform to ASME Y14.5M – 1994.
- Controlling dimension is in millimeters.
- Pin 1 may be indicated by an ID dot, or a special feature, in its proximity on package surface.

Package Information	
Description	Specification
Ordering Code Reference	T
Package Acronym	TQFP
Leadframe Material	Copper
Lead Finish (Plating)	Regular: 85Sn:15Pb (Typ.) Pb-free: Matte Sn
JEDEC Outline Reference	MS-026 Variation: BFB
Lead Coplanarity	0.003 inches (0.08mm)
Weight	1.1 g (Typ.)
Moisture Sensitivity Level	Printed on moisture barrier bag

Package Outline Dimension Table			
Symbol	Millimeters		
	Min.	Nom.	Max.
A		—	1.60
A1	0.05	—	0.15
A2	1.35		1.45
D	22.00 BSC		
D1	20.00 BSC		
E	22.00 BSC		
E1	20.00 BSC		
L		0.60	0.75
L1	1.00 REF		
S	0.20	—	—
b		0.22	0.27
c	0.09	—	0.20
e	0.50 BSC		
θ	0°	3.5°	7°

