

240-Pin Plastic Quad Flat Pack (PQFP)—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	Q
Package Acronym	PQFP
Leadframe Material	Copper
Lead Finish (Plating)	Regular: 85Sn:15Pb (Typ.) Pb-free: Matte Sn
JEDEC Outline Reference	MS-029 Variation: GA
Lead Coplanarity	0.003 inches (0.08mm)
Weight	8.0 g (Typ.)
Moisture Sensitivity Level	Printed on moisture barrier bag

Package Outline Dimension Table			
Symbol	Millimeters		
	Min.	Nom.	Max.
A		—	4.10
A1	0.25	—	0.50
A2		3.40	3.60
D	34.60 BSC		
D1	32.00 BSC		
E	34.60 BSC		
E1	32.00 BSC		
L		0.60	0.75
L1	1.30 REF		
S	0.20	—	—
b	0.17	—	0.27
c	0.09	—	0.20
e	0.50 BSC		
θ	0°	3.5°	8°

