



Plastic Quad Flat Pack - L Suffix

Package Outlines

Dim	44-Pin		100-Pin		128-Pin		160-Pin		240-Pin	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
A	-	0.096 (2.45)	-	0.134 (3.40)	-	0.154 (3.92)	-	0.160 (4.07)	-	0.161 (4.10)
A1	0.009 (0.25)	-	0.1 (0.25)	-	0.00	0.01 (0.25)	0.01 (0.25)	-	0.1 (0.25)	0.02 (0.50)
A2	0.076 (1.95)	0.083 (2.10)	0.1 (2.55)	0.12 (3.05)	0.125 (3.17)	0.144 (3.67)	0.125 (3.17)	0.144 (3.67)	0.125 (3.2)	0.142 (3.60)
b	0.01 (0.30)	0.018 (0.45)	0.009 (0.22)	0.015 (0.38)	0.019 (0.30)	0.018 (0.45)	0.009 (0.22)	0.015 (0.38)	0.007 (0.17)	0.010 (0.27)
D	0.547 BSC (13.90 BSC)		0.941 BSC (23.90 BSC)		1.265 BSC (31.90 BSC)		1.265 BSC (31.90 BSC)		1.360 BSC (34.6 BSC)	
D ₁	0.394 BSC (10.00 BSC)		0.787 BSC (20.00 BSC)		1.102 BSC (28.00 BSC)		1.102 BSC (28.00 BSC)		1.258 BSC (32.00 BSC)	
E	0.547 BSC (13.90 BSC)		0.705 BSC (17.90 BSC)		1.256 BSC (31.90 BSC)		1.256 BSC (31.90 BSC)		1.360 BSC (34.6 BSC)	
E ₁	0.394 BSC (10.00 BSC)		0.551 BSC (14.00 BSC)		1.102 BSC (28.00 BSC)		1.102 BSC (28.00 BSC)		1.258 BSC (32.00 BSC)	
e	0.031 BSC (0.80 BSC)		0.026 BSC (0.65 BSC)		0.031 BSC (0.80 BSC)		0.025 BSC (0.65 BSC)		0.0197 BSC (0.50 BSC)	

Notes:

- 1) Not to scale
- 2) Dimensions in inches
- 3) (Dimensions in millimeters)
- 4) JEDEC Standard 3.9mm Footprint: M0-112
- 5) MQFP-240 Package complies to JEDEC Standard MO-143

WARNING:

This package diagram does not apply to the MT90810AK 100 Pin Package. Please refer to the data sheet for exact dimensions.