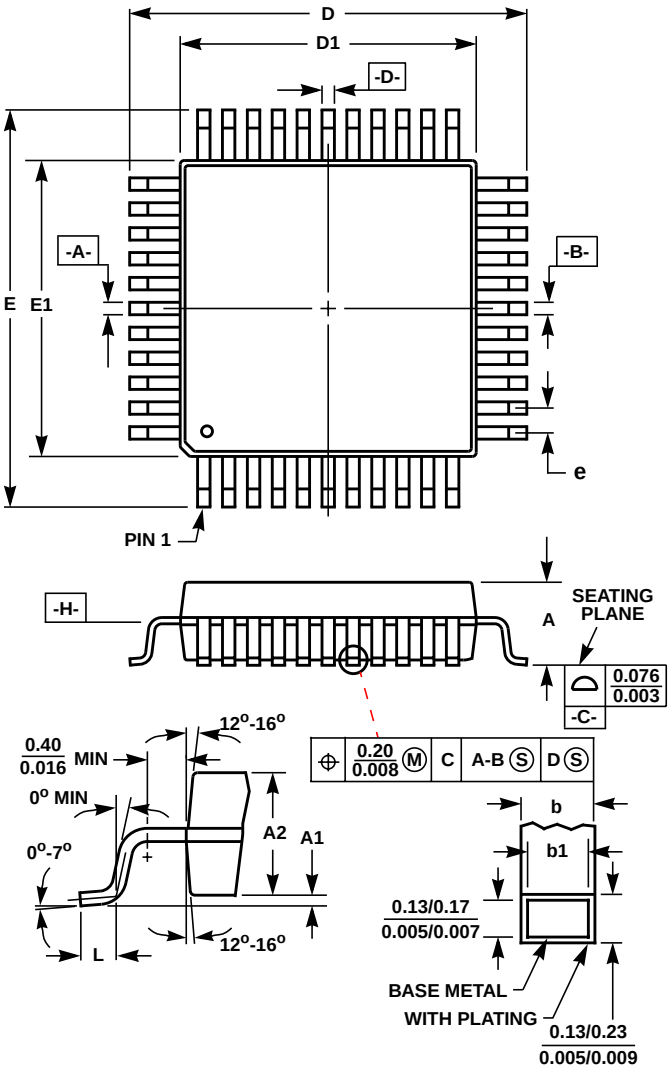
Metric Plastic Quad Flatpack Packages (MQFP)



Q64.14x14 (JEDEC MS-022BE ISSUE B)
64 LEAD METRIC PLASTIC QUAD FLATPACK PACKAGE

SYMBOL	INCHES		MILLIMETERS		NOTES
	MIN	MAX	MIN	MAX	
A	-	0.124	-	3.15	-
A1	0.004	0.010	0.10	0.25	-
A2	0.100	0.108	2.55	2.75	-
b	0.012	0.018	0.30	0.45	6
b1	0.012	0.016	0.30	0.40	-
D	0.672	0.682	17.08	17.32	3
D1	0.546	0.556	13.88	14.12	4, 5
E	0.673	0.681	17.10	17.30	3
E1	0.547	0.555	13.90	14.10	4, 5
L	0.029	0.040	0.73	1.03	-
N	64		64		7
e	0.032 BSC		0.80 BSC		-

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NOTES:

1. Controlling dimension: MILLIMETER. Converted inch dimensions are not necessarily exact.
2. All dimensions and tolerances per ANSI Y14.5M-1982.
3. Dimensions D and E to be determined at seating plane -C-.
4. Dimensions D1 and E1 to be determined at datum plane -H-.
5. Dimensions D1 and E1 do not include mold protrusion. Allowable protrusion is 0.25mm (0.010 inch) per side.
6. Dimension b does not include dambar protrusion. Allowable dambar protrusion shall be 0.08mm (0.003 inch) total.
7. “N” is the number of terminal positions.