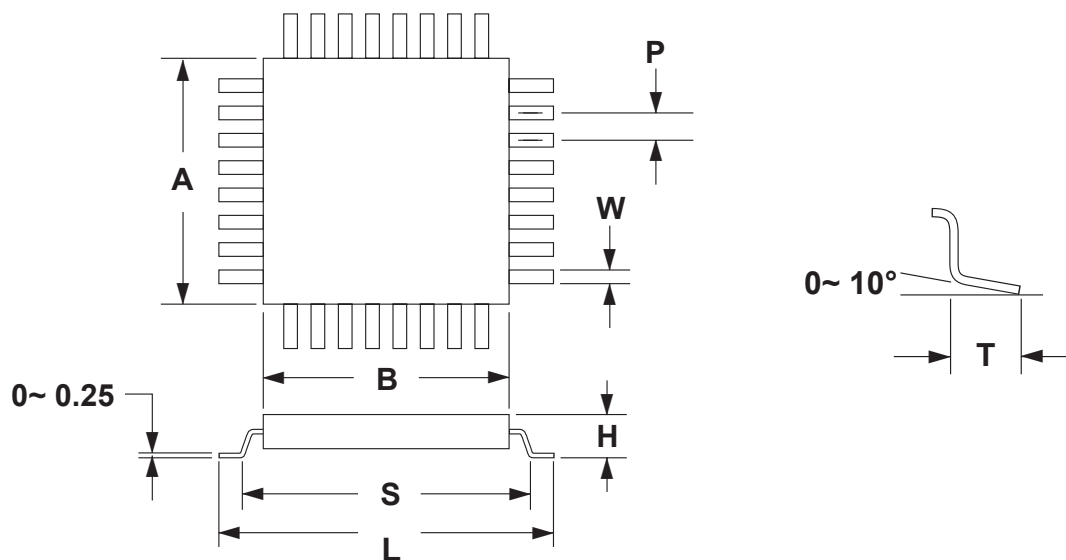


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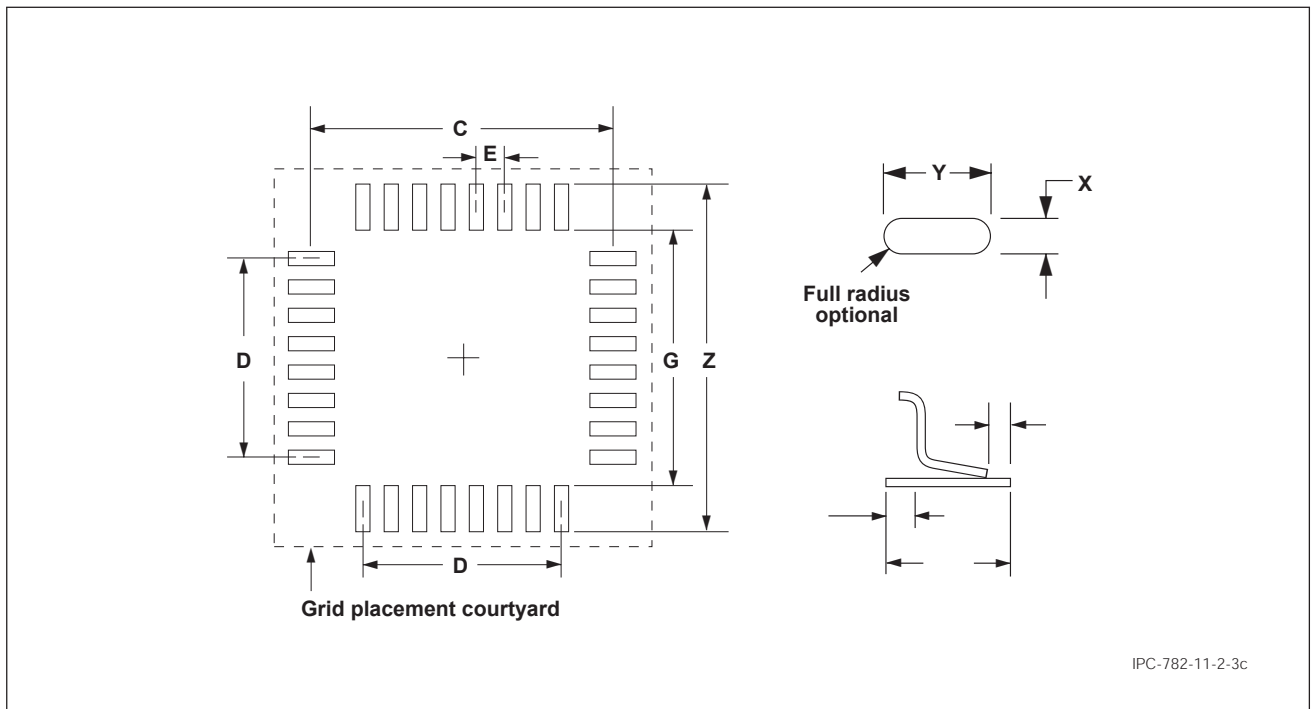


IPC-782-11-2-2b

Component Identifier	L (mm)		S (mm)		W (mm)		T (mm)		A (mm)	B (mm)	P (mm)	H (mm)
	min	max	min	max	min	max	min	max	ref	ref	basic	max
SQFP 20x20-144	21.80	22.20	20.20	20.89	0.10	0.30	0.40	0.80	20.00	20.00	0.50	2.70
SQFP 20x20-152	21.80	22.20	20.20	20.89	0.10	0.30	0.40	0.80	20.00	20.00	0.50	2.70
SQFP 20x20-184	21.80	22.20	20.20	20.89	0.05	0.22	0.40	0.80	20.00	20.00	0.40	2.70
SQFP 20x20-192	21.80	22.20	20.20	20.89	0.05	0.22	0.40	0.80	20.00	20.00	0.40	2.70
SQFP 20x20-248	21.80	22.20	20.20	20.89	0.05	0.15	0.40	0.80	20.00	20.00	0.30	2.70
SQFP 20x20-256	21.80	22.20	20.20	20.89	0.05	0.15	0.40	0.80	20.00	20.00	0.30	2.70
SQFP 24x24-176	25.80	26.20	24.20	24.89	0.10	0.30	0.40	0.80	24.00	24.00	0.50	3.20
SQFP 24x24-184	25.80	26.20	24.20	24.89	0.10	0.30	0.40	0.80	24.00	24.00	0.50	3.20
SQFP 24x24-224	25.80	26.20	24.20	24.89	0.05	0.22	0.40	0.80	24.00	24.00	0.40	3.20
SQFP 24x24-232	25.80	26.20	24.20	24.89	0.05	0.22	0.40	0.80	24.00	24.00	0.40	3.20
SQFP 24x24-296	25.80	26.20	24.20	24.89	0.05	0.15	0.40	0.80	24.00	24.00	0.30	3.20
SQFP 24x24-304	25.80	26.20	24.20	24.89	0.05	0.15	0.40	0.80	24.00	24.00	0.30	3.20
QFP 28x28-120	30.95	31.45	29.05	29.71	0.30	0.45	0.65	0.95	28.00	28.00	0.80	3.75
QFP 28x28-128	30.95	31.45	29.05	29.71	0.30	0.45	0.65	0.95	28.00	28.00	0.80	3.75
QFP 28x28-144	30.95	31.45	29.05	29.71	0.22	0.38	0.65	0.95	28.00	28.00	0.65	3.75
QFP 28x28-160	30.95	31.45	29.05	29.71	0.22	0.38	0.65	0.95	28.00	28.00	0.65	3.75
SQFP 28x28-208	29.80	30.60	28.20	28.89	0.10	0.30	0.40	0.80	28.00	28.00	0.50	3.75
SQFP 28x28-216	29.80	30.60	28.20	28.89	0.10	0.30	0.40	0.80	28.00	28.00	0.50	3.75
SQFP 28x28-264	29.80	30.60	28.20	28.89	0.05	0.22	0.40	0.80	28.00	28.00	0.40	3.75
SQFP 28x28-272	29.80	30.60	28.20	28.89	0.05	0.22	0.40	0.80	28.00	28.00	0.40	3.75
SQFP 28x28-352	29.80	30.60	28.20	28.89	0.05	0.15	0.40	0.80	28.00	28.00	0.30	3.75
SQFP 28x28-360	29.80	30.60	28.20	28.89	0.05	0.15	0.40	0.80	28.00	28.00	0.30	3.75

Figure 2c SQFP/QFP (square) component dimensions

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RLP No.	Component Identifier	Z (mm)	G (mm)	X (mm)	Y (mm)	C (mm)	D (mm)	E (mm)	Placement Grid (No. of Grid Elements)
					ref	ref	ref	ref	
600A	SQFP 20x20-144	22.80	19.60	0.30	1.60	21.20	17.50	0.50	48x48
601A	SQFP 20x20-152	22.80	19.60	0.30	1.60	21.20	18.50	0.50	48x48
602A	SQFP 20x20-184	22.80	19.60	0.25	1.60	21.20	18.00	0.40	48x48
603A	SQFP 20x20-192	22.80	19.60	0.25	1.60	21.20	18.80	0.40	48x48
604A	SQFP 20x20-248	22.80	19.60	0.17	1.60	21.20	18.30	0.30	48x48
605A	SQFP 20x20-256	22.80	19.60	0.17	1.60	21.20	18.90	0.30	48x48
609A	SQFP 24x24-176	26.80	23.60	0.30	1.60	25.20	21.50	0.50	56x56
610A	SQFP 24x24-184	26.80	23.60	0.30	1.60	25.20	22.50	0.50	56x56
611A	SQFP 24x24-224	26.80	23.60	0.25	1.60	25.20	22.00	0.40	56x56
612A	SQFP 24x24-232	26.80	23.60	0.25	1.60	25.20	22.80	0.40	56x56
613A	SQFP 24x24-296	26.80	23.60	0.17	1.60	25.20	21.90	0.30	56x56
614A	SQFP 24x24-304	26.80	23.60	0.17	1.60	25.20	22.50	0.30	56x56
618A	QFP 28x28-120	31.80	28.20	0.50	1.80	30.00	23.20	0.80	66x66
619A	QFP 28x28-128	31.80	28.20	0.50	1.80	30.00	24.80	0.80	66x66
620A	QFP 28x28-144	31.80	28.20	0.40	1.80	30.00	22.75	0.65	66x66
621A	QFP 28x28-160	31.80	28.20	0.40	1.80	30.00	25.35	0.65	66x66
622A	SQFP 28x28-208	30.80	27.60	0.30	1.60	29.20	25.50	0.50	64x64
623A	SQFP 28x28-216	30.80	27.60	0.30	1.60	29.20	26.50	0.50	64x64
624A	SQFP 28x28-264	30.80	27.60	0.25	1.60	29.20	26.00	0.40	64x64
625A	SQFP 28x28-272	30.80	27.60	0.25	1.60	29.20	26.80	0.40	64x64
626A	SQFP 28x28-352	30.80	27.60	0.17	1.60	29.20	26.10	0.30	64x64
627A	SQFP 28x28-360	30.80	27.60	0.17	1.60	29.20	26.70	0.30	64x64

Figure 3c SQFP/QFP (square) land pattern dimensions