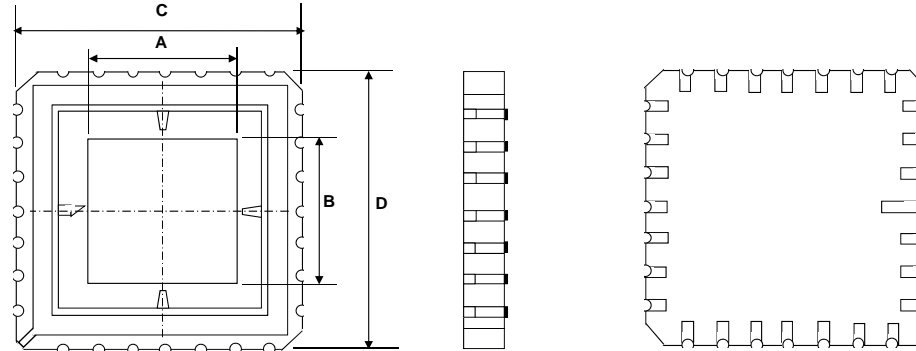


KYOCERA C-QFN (CERAMIC QUAD FLAT NON-LEADED PACKAGES)



Inquiries about this list



UNIT : mm [Click here for inch dimensions](#)

N=No Metallization

0=No Connection

R0159A

LEAD COUNT	CAVITY			OVERALL C x D	LAYER THICKNESS				PIN/LEAD			KYOCERA MATERIAL CODE A440: Black A473: White	CONNECTION		DRAWING NO.
	DIE CAV. A x B	W/B TIER SINGLE(S) DOUBLE(D)	UP(U) DOWN(D)		1ST	2ND	3RD	TOTAL	LENGTH	STNAND OFF HEIGHT	PITCH		SEAL RING	DIE ATTACH	
16	3.05SQ	S	U	6.35SQ	0.38	0.38	-	1.14	-	-	1.27	A440	0	0	PB-60962-A-01
16	3.05SQ	S	U	6.35SQ	0.38	0.38	-	1.14	-	-	1.27	A440	N	0	PB-60962-A-02
16	3.05SQ	S	U	7.62SQ	0.51	0.51	-	1.52	-	-	1.27	A440	0	0	PB-92263-A
16	3.43SQ	S	U	6.35SQ	0.51	0.51	-	1.52	-	-	1.27	A440	0	0	PB-C85194
16	4.06SQ	S	U	7.62SQ	0.51	0.51	-	1.52	-	-	1.27	A440	0	0	PB-C86636-A
18	3.05SQ	S	U	6.35SQ	0.51	0.51	-	1.52	-	-	1.27	A473	0	0	PB-C86280
18	3.56SQ	S	U	6.35SQ	0.51	0.51	-	1.52	-	-	1.27	A473	0	0	PB-C86380-A
18	6.10 X 4.45	S	U	8.89 X 7.24	0.38	0.38	-	1.14	-	-	1.27	A440	0	0	PB-C87459
20	4.06SQ	S	U	8.89SQ	0.51	0.51	-	1.52	-	-	1.27	A440	0	0	PB-C88405-A
20	4.06SQ	S	U	8.89SQ	0.64	0.64	-	1.78	-	-	1.27	A440	0	0	PB-C88344
20	4.93SQ	S	U	8.89SQ	0.64	0.64	-	1.78	-	-	1.27	A440	0	0	PB-C87321
20	5.46SQ	S	U	8.89SQ	0.51	0.64	-	1.65	-	-	1.27	A440	0	0	PB-23741
24	4.57SQ	S	U	8.89SQ	0.51	0.38	-	1.27	-	-	1.02	A440	0	0	PB-C86206
24	4.70SQ	S	U	8.51SQ	0.38	0.38	-	1.52	-	-	1.27	A440	0	0	PB-81941
24	5.21SQ	S	U	10.16SQ	0.64	0.64	-	1.91	-	-	1.27	A440	0	0	PB-C87586
28	4.00SQ	S	U	6.50 SQ.	0.40	0.40	0.20	1.00	-	-	0.70	A440	N	N	KD-DA6L83
28	5.08SQ	S	U	11.43SQ	0.51	0.51	-	1.52	-	-	1.27	A440	0	0	PB-C87651
28	6.35SQ	S	U	11.43SQ	0.51	0.51	-	1.52	-	-	1.27	A440	0	0	PB-13046-A
28	7.37SQ	S	U	11.43SQ	0.51	0.51	-	1.52	-	-	1.27	A440	0	0	PB-45033-C
28	7.62SQ	S	U	11.43 SQ	0.51	0.51	0.51	1.52	-	-	1.27	A440	N	N	KD-DA7F21
32	5.50SQ	S	U	8.00 SQ.	0.40	0.40	0.20	1.00	-	-	0.70	A440	N	N	KD-DA6L81

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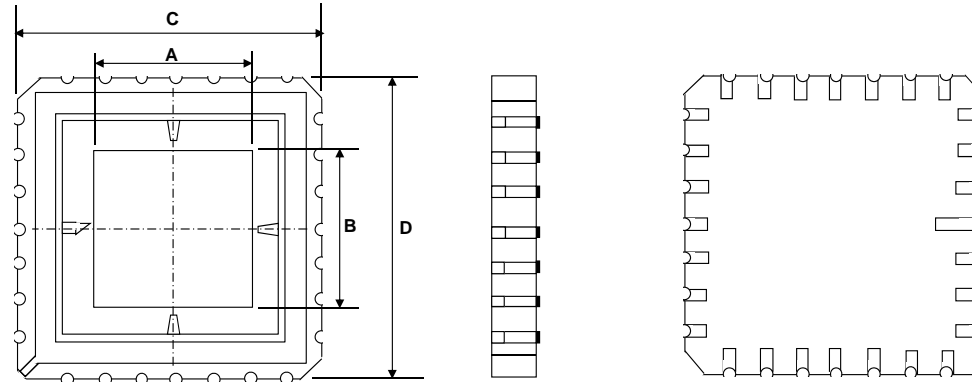
R0159A

LEAD COUNT	CAVITY			OVERALL C x D	LAYER THICKNESS				PIN/LEAD			KYOCERA MATERIAL CODE A440: Black A473: White	CONNECTION		DRAWING NO.
	DIE CAV. A x B	W/B TIER SINGLE(S) DOUBLE(D)	UP(U) DOWN(D)		1ST	2ND	3RD	TOTAL	LENGTH	STNAND OFF HEIGHT	PITCH		SEAL RING	DIE ATTACH	
32	6.35SQ	S	U	10.67SQ	0.76	0.38	-	1.65	-	-	1.02	A440	0	0	PB-81788
32	6.73SQ	S	U	10.67SQ	0.57	0.57	0.51	1.65	-	-	1.02	A440	N	N	KD-DA7863
32	6.73SQ	S	U	10.67SQ	0.64	0.51	-	1.65	-	-	1.02	A440	0	0	PB-44567
32	7.11 X 6.35	S	U	13.97 X 11.43	0.51	0.51	-	1.52	-	-	1.27	A440	0	0	PB-C87342
32	8.89 X 7.62	S	U	13.97 X 11.43	0.64	0.64	-	1.91	-	-	1.27	A440	0	0	PB-C88084
32	9.91 X 7.37	S	U	13.97 X 11.43	0.51	0.51	-	1.65	-	-	1.27	A440	0	16	PB-C90096-A
36	7.37SQ	S	U	10.67SQ	0.57	0.55	0.43	1.55	-	-	1.02	A440	N	N	KD-DA8453
40	8.38SQ	S	U	12.19SQ	0.51	0.64	-	1.52	-	-	1.02	A440	0	0	PB-34363
44	4.83SQ	S	U	16.51SQ	0.51	0.51	-	1.52	-	-	1.27	A440	0	0	PB-C85254-A
44	6.35SQ	S	U	16.51SQ	0.51	0.51	-	1.65	-	-	1.27	A440	0	0	PB-44711
44	7.62SQ	S	U	16.51SQ	0.51	0.51	-	1.65	-	-	1.27	A440	0	0	PB-81840-B-01
44	7.62SQ	S	U	16.51SQ	0.51	0.64	-	1.78	-	-	1.27	A440	0	0	PB-C85025-A
44	10.16SQ	S	U	16.51SQ	0.51	1.27	-	2.29	-	-	1.27	A440	0	0	PB-55862
44	12.04SQ	S	U	16.51SQ	1.02	1.02	-	2.79	-	-	1.27	A440	0	0	PB-44713
48	7.50SQ	S	U	10.00SQ	0.40	0.40	0.20	1.00	-	-	0.70	A440	N	N	KD-DA6K98
48	7.62SQ	S	U	12.70SQ	0.51	0.51	-	1.52	-	-	1.02	A473	37	37	PB-C85123
48	8.89SQ	S	U	14.22SQ	0.51	0.64	-	1.65	-	-	1.02	A440	0	0	PB-C86584-A-01
48	8.89SQ	S	U	14.22SQ	0.57	0.57	0.51	1.65	-	-	1.02	A440	N	N	KD-DA7F19
48	10.62SQ	S	U	14.22SQ	0.57	0.57	0.51	1.65	-	-	1.02	A440	N	N	KD-DA7069
52	7.62SQ	S	U	19.05SQ	0.51	0.64	-	1.65	-	-	1.27	A440	0	0	PB-44804-A
52	8.89SQ	S	U	19.05SQ	0.51	0.51	-	2.03	-	-	1.27	A440	0	0	PB-92155-A
64	10.50SQ	S	U	13.00SQ	0.40	0.40	0.20	1.00	-	-	0.70	A440	N	N	KD-DA6L79
64	11.43SQ	S	U	18.29SQ	0.64	0.51	-	1.65	-	-	1.02	A440	0	0	PB-44683
68	8.13SQ	S	U	24.13SQ	0.51	0.51	-	2.03	-	-	1.27	A440	0	0	PB-C86640
68	11.43SQ	S	U	24.13SQ	0.51	0.51	-	1.65	-	-	1.27	A440	0	0	PB-C87408
68	16.00SQ	S	U	24.13SQ	0.64	0.76	-	2.16	-	-	1.27	A440	0	0	PB-C87700-A
84	7.62SQ	S	U	29.21SQ	0.51	0.51	-	2.03	-	-	1.27	A440	0	0	PB-C85049
84	8.89SQ	S	U	23.37SQ	0.64	0.51	-	1.65	-	-	1.02	A440	0	0	PB-23416-A
84	11.94SQ	S	U	29.21SQ	0.51	0.51	-	2.03	-	-	1.27	A440	0	0	PB-13050
84	17.78SQ	S	U	29.21SQ	0.51	0.51	-	2.03	-	-	1.27	A440	0	0	PB-C86131
100	9.91SQ	S	U	34.29SQ	0.51	0.76	-	2.03	-	-	1.27	A440	0	100	PB-44914-A

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LEAD COUNT	CAVITY			OVERALL C x D	LAYER THICKNESS				PIN/LEAD			KYOCERA MATERIAL CODE A440: Black A473: White	CONNECTION		DRAWING NO.
	DIE CAV. A x B	W/B TIER SINGLE(S) DOUBLE(D)	UP(U) DOWN(D)		1ST	2ND	3RD	TOTAL	LENGTH	STAND OFF HEIGHT	PITCH		SEAL RING	DIE ATTACH	
16	.120SQ	S	U	.250SQ	.015	.015	-	.045	-	-	.050	A440	0	0	PB-60962-A-01
16	.120SQ	S	U	.25SQ	.015	.015	-	.045	-	-	.050	A440	N	0	PB-60962-A-02
16	.120SQ	S	U	.300SQ	.020	.020	-	.060	-	-	.050	A440	0	0	PB-92263-A
16	.135SQ	S	U	.250SQ	.020	.020	-	.060	-	-	.050	A440	0	0	PB-C85194
16	.160SQ	S	U	.300SQ	.020	.020	-	.060	-	-	.050	A440	0	0	PB-C86636-A
18	.120SQ	S	U	.250SQ	.020	.020	-	.060	-	-	.050	A473	0	0	PB-C86280
18	.140SQ	S	U	.250SQ	.020	.020	-	.060	-	-	.050	A473	0	0	PB-C86380-A
18	.240 X .175	S	U	.350 X .285	.015	.015	-	.045	-	-	.050	A440	0	0	PB-C87459
20	.160SQ	S	U	.350SQ	.020	.020	-	.060	-	-	.050	A440	0	0	PB-C88405-A
20	.160SQ	S	U	.350SQ	.025	.025	-	.070	-	-	.050	A440	0	0	PB-C88344
20	.194SQ	S	U	.350SQ	.025	.025	-	.070	-	-	.050	A440	0	0	PB-C87321
20	.215SQ	S	U	.350SQ	.020	.025	-	.065	-	-	.050	A440	0	0	PB-23741
24	.180SQ	S	U	.350SQ	.020	.015	-	.050	-	-	.040	A440	0	0	PB-C86206
24	.185SQ	S	U	.335SQ	.015	.015	-	.060	-	-	.050	A440	0	0	PB-81941
24	.205SQ	S	U	.400SQ	.025	.025	-	.075	-	-	.050	A440	0	0	PB-C87586
28	.200SQ	S	U	.450SQ	.020	.020	-	.060	-	-	.050	A440	N	N	KD-DA6L83
28	.200SQ	S	U	.450SQ	.020	.020	-	.060	-	-	.050	A440	0	0	PB-C87651
28	.250SQ	S	U	.450SQ	.020	.020	-	.060	-	-	.050	A440	0	0	PB-13046-A
28	.290SQ	S	U	.450SQ	.020	.020	-	.060	-	-	.050	A440	0	0	PB-45033-C
28	.217SQ	S	U	.315SQ	.016	.016	.008	.039	-	-	.028	A440	N	N	KD-DA7F21

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LEAD COUNT	CAVITY			OVERALL C x D	LAYER THICKNESS				PIN/LEAD			KYOCERA MATERIAL CODE A440: Black A473: White	CONNECTION		DRAWING NO.
	DIE CAV. A x B	W/B TIER SINGLE(S) DOUBLE(D)	UP(U) DOWN(D)		1ST	2ND	3RD	TOTAL	LENGTH	STNAND OFF HEIGHT	PITCH		SEAL RING	DIE ATTACH	
32	.250SQ	S	U	.420SQ	.030	.015	-	.065	-	-	.040	A440	N	N	KD-DA6L81
32	.250SQ	S	U	.420SQ	.030	.015	-	.065	-	-	.040	A440	0	0	PB-81788
32	6.35SQ	S	U	10.67SQ	.762	.381	-	1.651	-	-	1.016	A440	N	N	KD-DA7863
32	.265SQ	S	U	.420SQ	.025	.020	-	.065	-	-	.040	A440	0	0	PB-44567
32	.280 X .250	S	U	.550 X .450	.020	.020	-	.060	-	-	.050	A440	0	0	PB-C87342
32	.350 X .300	S	U	.550 X .450	.025	.025	-	.075	-	-	.050	A440	0	0	PB-C88084
32	.390 X .290	S	U	.550 X .450	.020	.020	-	.065	-	-	.050	A440	0	16	PB-C90096-A
36	.330SQ	S	U	.480SQ	.020	.025	-	.060	-	-	.040	A440	N	N	KD-DA8453
40	.330SQ	S	U	.480SQ	.020	.025	-	.060	-	-	.040	A440	0	0	PB-34363
44	.190SQ	S	U	.650SQ	.020	.020	-	.060	-	-	.050	A440	0	0	PB-C85254-A
44	.250SQ	S	U	.650SQ	.020	.020	-	.065	-	-	.050	A440	0	0	PB-44711
44	.300SQ	S	U	.650SQ	.020	.020	-	.065	-	-	.050	A440	0	0	PB-81840-B-01
44	.300SQ	S	U	.650SQ	.020	.025	-	.070	-	-	.050	A440	0	0	PB-C85025-A
44	.400SQ	S	U	.650SQ	.020	.050	-	.090	-	-	.050	A440	0	0	PB-55862
44	.474SQ	S	U	.650SQ	.040	.040	-	.110	-	-	.050	A440	0	0	PB-44713
48	.300SQ	S	U	.500SQ	.020	.020	-	.060	-	-	.040	A440	N	N	KD-DA6K98
48	.300SQ	S	U	.500SQ	.020	.020	-	.060	-	-	.040	A473	37	37	PB-C85123
48	.350SQ	S	U	.560SQ	.020	.025	-	.065	-	-	.040	A440	0	0	PB-C86584-A-01
48	.418SQ	S	U	.560SQ	.022	.022	.020	.065	-	-	.040	A440	N	N	KD-DA7F19
48	.300SQ	S	U	.750SQ	.020	.025	-	.065	-	-	.050	A440	N	N	KD-DA7069
52	.300SQ	S	U	.750SQ	.020	.025	-	.065	-	-	.050	A440	0	0	PB-44804-A
52	.350SQ	S	U	.750SQ	.020	.020	-	.080	-	-	.050	A440	0	0	PB-92155-A
64	.450SQ	S	U	.720SQ	.025	.020	-	.065	-	-	.040	A440	N	N	KD-DA6L79
64	.450SQ	S	U	.720SQ	.025	.020	-	.065	-	-	.040	A440	0	0	PB-44683
68	.320SQ	S	U	.950SQ	.020	.020	-	.080	-	-	.050	A440	0	0	PB-C86640
68	.450SQ	S	U	.950SQ	.020	.020	-	.065	-	-	.050	A440	0	0	PB-C87408
68	.630SQ	S	U	.950SQ	.025	.030	-	.085	-	-	.050	A440	0	0	PB-C87700-A
84	.300SQ	S	U	1.150SQ	.020	.020	-	.080	-	-	.050	A440	0	0	PB-C85049
84	.350SQ	S	U	.920SQ	.025	.020	-	.065	-	-	.040	A440	0	0	PB-23416-A
84	.470SQ	S	U	1.150SQ	.020	.020	-	.080	-	-	.050	A440	0	0	PB-13050
84	.700SQ	S	U	1.150SQ	.020	.020	-	.080	-	-	.050	A440	0	0	PB-C86131
100	.390SQ	S	U	1.350SQ	.020	.030	-	.080	-	-	.050	A440	0	100	PB-44914-A