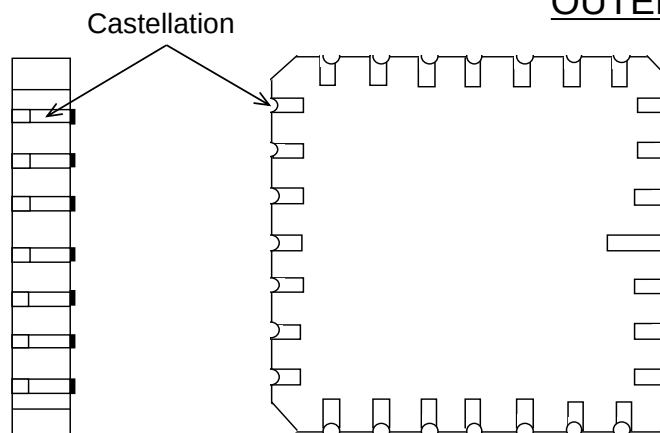
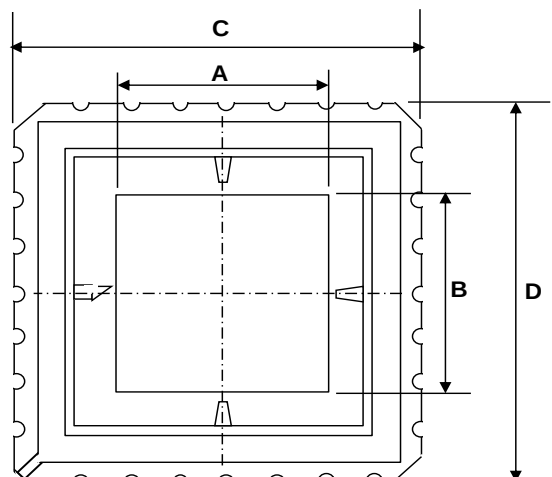


KYOCERA C-QFN (CERAMIC QUAD FLAT NON-LEADED PACKAGES)

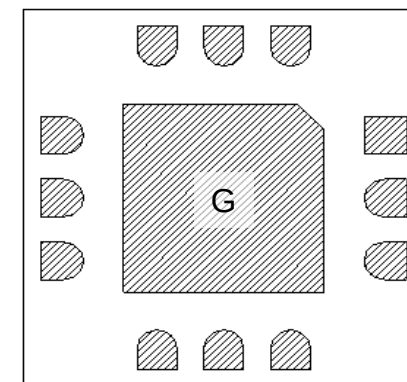


Inquiries about this list?
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OUTER I/O TYPE

TYPE(1) (With Castellation)



TYPE(2) (Without Castellation)

Unit : mm [Please click here for inch dimensions.](#)

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R0159G

OUTER I/O COUNT	DIE CAVITY A x B	OVERALL C x D	LAYER THICKNESS				OUTER I/O TYPE	OUTER I/O PITCH	KYOCERA CERAMIC MATERIAL CODE A440: Black A473: White	CONNECTION		DRAWING NUMBER
			1ST	2ND	3RD	TOTAL				SEAL RING	DIE ATTACH	
12	2.40 SQ. *down bonding	3.00 SQ.	0.30		0.20	0.50	(2)	0.50	A440	N	G	PB-EB6132
16	2.20 SQ. *down bonding	3.00 SQ.	0.30		0.20	0.50	(2)	0.50	A440	N	G	PB-EB7113
16	3.00 SQ.	6.00 SQ.	0.40	0.30	0.30	1.00	(1)	1.00	A440	N	5	KD-DB1N95
16	3.05 SQ.	6.35 SQ.	0.38	0.38	0.38	1.14	(1)	1.27	A440	0	0	PB-60962-A-01
16	3.05 SQ.	6.35 SQ.	0.38	0.38	0.38	1.14	(1)	1.27	A440	N	0	PB-60962-A-02
16	3.05 SQ.	7.62 SQ.	0.51	0.51	0.51	1.52	(1)	1.27	A440	0	0	PB-92263-A

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R0159G

OUTER I/O COUNT	DIE CAVITY A x B	OVERALL C x D	LAYER THICKNESS				OUTER I/O TYPE	OUTER I/O PITCH	KYOCERA CERAMIC MATERIAL CODE A440: Black A473: White	CONNECTION		DRAWING NUMBER
			1ST	2ND	3RD	TOTAL				SEAL RING	DIE ATTACH	
16	3.43 SQ.	6.35 SQ.	0.51	0.51	0.51	1.52	(1)	1.27	A440	0	0	PB-C85194
16	4.06 SQ.	7.62 SQ.	0.51	0.51	0.51	1.52	(1)	1.27	A440	0	0	PB-C86636-A
18	3.05 SQ.	6.35 SQ.	0.51	0.51	0.51	1.52	(1)	1.27	A473	0	0	PB-C86280
18	3.56 SQ.	6.35 SQ.	0.51	0.51	0.51	1.52	(1)	1.27	A473	0	0	PB-C86380-A
18	6.10 X 4.45	8.89 X 7.24	0.38	0.38	0.38	1.14	(1)	1.27	A440	0	0	PB-C87459
20	4.06 SQ.	8.89 SQ.	0.51	0.51	0.51	1.52	(1)	1.27	A440	0	0	PB-C88405-A
20	4.06 SQ.	8.89 SQ.	0.64	0.64	0.51	1.78	(1)	1.27	A440	0	0	PB-C88344
20	4.93 SQ.	8.89 SQ.	0.64	0.64	0.51	1.78	(1)	1.27	A440	0	0	PB-C87321
20	5.46 SQ.	8.89 SQ.	0.51	0.64	0.51	1.65	(1)	1.27	A440	0	0	PB-23741
24	3.20 SQ. *down bonding	4.00 SQ.	0.40		0.20	0.60	(2)	0.50	A440	N	G	PB-EB5649
24	4.57 SQ.	8.89 SQ.	0.51	0.38	0.38	1.27	(1)	1.02	A440	0	0	PB-C86206
24	4.70 SQ.	8.51 SQ.	0.38	0.76	0.38	1.52	(1)	1.27	A440	0	0	PB-81941
24	5.21 SQ.	10.16 SQ.	0.64	0.64	0.64	1.91	(1)	1.27	A440	0	0	PB-C87586
28	4.00 SQ.	6.50 SQ.	0.40	0.40	0.20	1.00	(1)	0.70	A440	N	N	KD-DA6L83
28	4.20 SQ.	6.50 SQ.	0.40	0.40	0.20	1.00	(1)	0.70	A440	N	N	KD-DB0G18
28	5.08 SQ.	11.43 SQ.	0.51	0.51	0.51	1.52	(1)	1.27	A440	0	0	PB-C87651
28	6.35 SQ.	11.43 SQ.	0.51	0.51	0.51	1.52	(1)	1.27	A440	0	0	PB-13046-A
28	7.37 SQ.	11.43 SQ.	0.51	0.51	0.51	1.52	(1)	1.27	A440	0	0	PB-45033-C
28	7.50 SQ.	11.43 SQ.	0.50	0.50	0.50	1.50	(1)	1.27	A440	N	N	PB-CA1328

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OUTER I/O COUNT	DIE CAVITY A x B	OVERALL C x D	LAYER THICKNESS				OUTER I/O TYPE	OUTER I/O PITCH	KYOCERA CERAMIC MATERIAL CODE A440: Black A473: White	CONNECTION		DRAWING NUMBER
			1ST	2ND	3RD	TOTAL				SEAL RING	DIE ATTACH	
28	7.62 SQ.	11.43 SQ.	0.50	0.50	0.50	1.50	(1)	1.27	A440	N	N	PB-CA4664-A
32	4.20 SQ. *down bonding	5.00 SQ.	0.40		0.30	0.70	(2)	0.50	A440	N	G	PB-EB5643
32	5.50 SQ.	8.00 SQ.	0.40	0.40	0.20	1.00	(1)	0.70	A440	N	N	KD-DA6L81
32	5.50 SQ.	8.00 SQ.	0.40	0.40	0.20	1.00	(1)	0.70	A440	28	N	KD-DB2528
32	5.70 SQ.	8.00 SQ.	0.40	0.40	0.20	1.00	(1)	0.70	A440	N	N	KD-DB0G21
32	6.20 SQ.	10.67 SQ.	0.57	0.57	0.51	1.65	(1)	1.01	A440	N	N	PB-CA1252
32	6.35 SQ.	10.67 SQ.	0.76	0.38	0.51	1.65	(1)	1.02	A440	0	0	PB-81788
32	6.73 SQ.	10.67 SQ.	0.57	0.57	0.51	1.65	(1)	1.02	A440	N	N	KD-DA7863
32	6.73 SQ.	10.67 SQ.	0.57	0.57	0.51	1.65	(1)	1.02	A440	N	0	KD-DB3693
32	6.73 SQ.	10.67 SQ.	0.64	0.51	0.51	1.65	(1)	1.02	A440	0	0	PB-44567
32	8.89 X 7.62	13.97 X 11.43	0.64	0.64	0.64	1.91	(1)	1.27	A440	0	0	PB-C88084
32	9.91 X 7.37	13.97 X 11.43	0.51	0.51	0.64	1.65	(1)	1.27	A440	0	16	PB-C90096-A
40	5.00 SQ. *down bonding	6.00 SQ.	0.50		0.30	0.80	(2)	0.50	A440	N	G	PB-EB5703
40	7.37 SQ.	10.16 SQ.	0.40	0.80	0.40	1.60	(1)	0.85	A440	N	N	PB-CA2254-J
40	8.38 SQ.	12.19 SQ.	0.51	0.64	0.38	1.52	(1)	1.02	A440	0	0	PB-34363
44	12.04 SQ.	16.51 SQ.	0.57	0.57	0.51	1.65	(1)	1.27	A440	N	N	PB-CA1B53
44	4.83 SQ.	16.51 SQ.	0.51	0.51	0.51	1.52	(1)	1.27	A440	0	0	PB-C85254-A
44	6.35 SQ.	16.51 SQ.	0.51	0.51	0.64	1.65	(1)	1.27	A440	0	0	PB-44711

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			1ST	2ND	3RD	TOTAL				SEAL RING	DIE ATTACH	
44	7.62 SQ.	16.51 SQ.	0.51	0.51	0.64	1.65	(1)	1.27	A440	0	0	PB-81840-B-01
44	7.62 SQ.	16.51 SQ.	0.51	0.64	0.64	1.78	(1)	1.27	A440	0	0	PB-C85025-A
44	10.16 SQ.	16.51 SQ.	0.51	1.27	0.51	2.29	(1)	1.27	A440	0	0	PB-55862
44	12.04 SQ.	16.51 SQ.	1.02	1.02	0.76	2.79	(1)	1.27	A440	0	0	PB-44713
48	6.00 SQ. *down bonding	7.00 SQ.	0.50		0.30	0.80	(2)	0.50	A440	N	G	PB-EB5704
48	7.50 SQ.	10.00 SQ.	0.40	0.40	0.20	1.00	(1)	0.70	A440	N	N	KD-DA6K98
48	7.50 SQ.	10.00 SQ.	0.40	0.40	0.50	1.30	(1)	0.70	A440	N	18	KD-DB2B73
48	7.50 SQ.	10.00 SQ.	0.40	0.40	0.20	1.00	(1)	0.70	A440	42	N	KD-DB2023
48	7.50 SQ.	10.00 SQ.	0.40	0.40	0.20	1.00	(1)	0.70	A440	N	N	KD-DB1265 (DAISY)
48	7.50 SQ.	11.00 SQ.	0.50	0.50	0.50	1.50	(1)	0.80	A440	N	N	KD-DB0A91
48	7.50 SQ.	11.00 SQ.	0.50	0.50	0.50	1.50	(1)	0.80	A440	42	18	KD-DB0N59
48	7.62 SQ.	12.70 SQ.	0.51	0.51	0.51	1.52	(1)	1.02	A473	37	37	PB-C85123
48	7.70 SQ.	10.00 SQ.	0.40	0.40	0.20	1.00	(1)	0.70	A440	N	N	KD-DB0G13
48	8.00 SQ.	11.00 SQ.	0.50	0.50	0.50	1.50	(1)	0.80	A440	N	N	KD-DB0H03
48	8.50 SQ. *down bonding	10.00 SQ.	0.70		0.30	1.00	(1)	0.70	A440	N	N	KD-DB0457
48	8.89 SQ.	14.22 SQ.	0.51	0.64	0.51	1.65	(1)	1.02	A440	0	0	PB-C86584-A-01
48	8.89 SQ.	14.22 SQ.	0.57	0.57	0.51	1.65	(1)	1.01	A440	N	N	PB-CA0835-B
48	10.62 SQ.	14.22 SQ.	0.57	0.57	0.51	1.65	(1)	1.02	A440	N	N	KD-DA7069

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OUTER I/O COUNT	DIE CAVITY A x B	OVERALL C x D	LAYER THICKNESS				OUTER I/O TYPE	OUTER I/O PITCH	KYOCERA CERAMIC MATERIAL CODE A440: Black A473: White	CONNECTION		DRAWING NUMBER
			1ST	2ND	3RD	TOTAL				SEAL RING	DIE ATTACH	
48	10.62 SQ.	14.22 SQ.	0.50	0.50	0.50	1.50	(1)	1.02	A440	42	18	KD-DA9L09
48	10.62 SQ.	14.22 SQ.	0.57	0.57	0.51	1.65	(1)	1.01	A440	N	N	PB-CA4D76
52	7.62 SQ.	19.05 SQ.	0.51	0.64	0.51	1.65	(1)	1.27	A440	0	0	PB-44804-A
52	8.00 SQ.	11.00 SQ.	0.40	0.30	0.30	1.00	(1)	0.70	A440	N	N	KD-DB0H05
52	8.89 SQ.	19.05 SQ.	0.51	0.51	1.02	2.03	(1)	1.27	A440	0	0	PB-92155-A
52	9.00 SQ.	11.00 SQ.	0.40	0.30	0.30	1.00	(1)	0.70	A440	N	N	KD-DB0D16
52	14.53 SQ.	19.05 SQ.	0.51	0.63	0.51	1.65	(1)	1.27	A440	N	N	PB-CA0F76
56	7.00 SQ. *down bonding	8.00 SQ.	0.50		0.30	0.80	(2)	0.50	A440	N	G	PB-EB6623
56	9.00 SQ.	12.00 SQ.	0.40	0.30	0.30	1.00	(1)	0.70	A440	N	N	KD-DB0H71
64	7.62 SQ.	18.29 SQ.	0.51	0.63	0.51	1.65	(1)	1.01	A440	N	N	PB-CA1B54
64	8.00 SQ. *down bonding	9.00 SQ.	0.50		0.30	0.80	(2)	0.50	A440	N	G	PB-EB5710
64	10.50 SQ.	13.00 SQ.	0.40	0.40	0.20	1.00	(1)	0.70	A440	N	N	KD-DA6L79
64	10.50 SQ.	13.00 SQ.	0.40	0.40	0.50	1.30	(1)	0.70	A440	N	24	KD-DB3666
64	10.70 SQ.	13.00 SQ.	0.40	0.40	0.20	1.00	(1)	0.70	A440	N	N	KD-DB0G16
64	11.43 SQ.	18.29 SQ.	0.64	0.51	0.51	1.65	(1)	1.02	A440	0	0	PB-44683
64	13.40 SQ.	18.00 SQ.	0.50	0.50	0.50	1.50	(1)	1.00	A440	N	N	KD-DB1270 (DAISY)
68	8.13 SQ.	24.13 SQ.	0.51	0.51	1.02	2.03	(1)	1.27	A440	0	0	PB-C86640
68	11.43 SQ.	24.13 SQ.	0.51	0.51	0.64	1.65	(1)	1.27	A440	0	0	PB-C87408

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OUTER I/O COUNT	DIE CAVITY A x B	OVERALL C x D	LAYER THICKNESS				OUTER I/O TYPE	OUTER I/O PITCH	KYOCERA CERAMIC MATERIAL CODE A440: Black A473: White	CONNECTION		DRAWING NUMBER
			1ST	2ND	3RD	TOTAL				SEAL RING	DIE ATTACH	
68	16.00 SQ.	24.13 SQ.	0.64	0.76	0.76	2.16	(1)	1.27	A440	0	0	PB-C87700-A
72	9.00 SQ. *down bonding	10.00 SQ.	0.50		0.30	0.80	(2)	0.50	A440	N	G	PB-EB5706
84	7.62 SQ.	29.21 SQ.	0.51	0.51	1.02	2.03	(1)	1.27	A440	0	0	PB-C85049
84	8.89 SQ.	23.37 SQ.	0.64	0.51	0.51	1.65	(1)	1.02	A440	0	0	PB-23416-A
84	11.94 SQ.	29.21 SQ.	0.51	0.51	1.02	2.03	(1)	1.27	A440	0	0	PB-13050
84	17.78 SQ.	29.21 SQ.	0.51	0.51	1.02	2.03	(1)	1.27	A440	0	0	PB-C86131
84	17.78 SQ.	29.21 SQ.	0.51	0.51	1.02	2.03	(1)	1.27	A440	N	0	KD-DB0K65
100	9.91 SQ.	34.29 SQ.	0.51	0.76	0.76	2.03	(1)	1.27	A440	0	100	PB-44914-A

* Contents in this list are subject to change without notice. It is recommended to confirm the latest information at the time of usage.
We may not be able to accept requests based on old list.