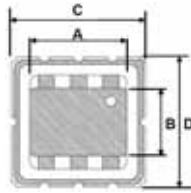
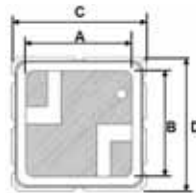


**KYOCERA SURFACE MOUNT PACKAGES FOR ELECTRONIC DEVICES**

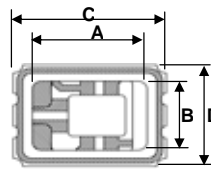
SAW Filter Package



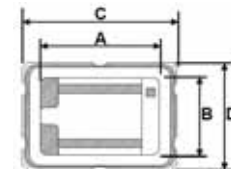
Monolithic Crystal Filter (MCF) Package



Oscillator (OSC) Package



Crystal Package



UNIT: mm

R0171B

No.	NAME	PIN COUNT	OVERALL C x D	CAVITY A x B	PACKAGE THICKNESS	KYOCERA MATERIAL CODE A440: BLACK A443: BLACK AO700: GRAY	SEAL METHOD	PACKAGE DRAWING NUMBER	MATCHING LID DRAWING NUMBER
1	SAW PKG	5	1.4X2.0	----	0.25	A440	----	KD-VA6174	----
2	SAW PKG	4	2.0SQ	1.2SQ	0.70	A440	SOLDER	KD-VA0D75	----
3	SAW PKG	4	2.5X2.0	1.7X1.2	0.75	A440	SOLDER	KD-VA3E27	KKM-29001-01
4	SAW PKG	6	3.0SQ	2.2X1.5	1.15	A443	SEAM	KD-V99D59-B	KD-X99571
5	SAW PKG	6	3.8SQ	2.8X2.0	1.25	A440	SEAM	KD-V97050	KD-X99J15
6	SAW PKG	8	3.8SQ	2.8X2.0	1.25	A440	SEAM	KD-V97034-B	KD-X99J15
7	SAW PKG	8	5.0SQ	3.6X2.6	1.25	A440	SEAM	KD-V99902-A	KD-X99587
8	SAW PKG	8	4.8X5.2	3.2X2.4	1.35	A440	SEAM	KD-V95B49-C	KD-X99572
9	SAW PKG	10	7.0X5.0	5.9X2.9	1.50	A443	SEAM	KD-VA3187	KD-X99E83
10	SAW PKG	10	9.1X4.8	6.9X3.4	1.55	A443	SEAM	KD-V99374	KD-X99574
11	SAW PKG	10	9.1X7.1	7.1X3.1	1.51	A440	SEAM	KD-V92457-A	KD-X99589
12	SAW PKG	10	11.4X5.0	9.2X3.7	1.51	A440	SEAM	KD-V95230-A	KD-X99578
13	SAW PKG	12	13.3X6.5	10.1X4.5	1.51	A440	SEAM	KD-V92458-B	KD-X99592
14	SAW PKG	12	13.3X6.5	11.9X3.1	1.36	A443	SEAM	KD-V99377-A	KD-X99E84
15	SAW PKG	10	15.9X6.5	14.25X3.07	1.76	A443	SEAM	KD-V99376	KD-X99E91
16	SAW PKG	10	19.0X6.5	17.35X3.07	1.64	A440	SEAM	KD-V95B52	KD-X99594
17	MEMS PKG	8	5.0SQ	3.60X2.65	1.70	A440	SOLDER	KD-VA3E22	KKM-29004-01
18	MCF PKG	8	3.0SQ	2.2X2.2	0.80	A443	SEAM	KD-V99523	KD-X99571
19	MCF PKG	8	3.8SQ	3.0SQ	0.85	A440	SEAM	KD-V99531	KD-X99586
20	MCF PKG	6	6.0X3.5	4.8X2.3	1.05	A440	SEAM	KD-V97787	KD-X99593
21	MCF PKG	6	7.0X5.0	5.4X3.6	1.20	A440	SEAM	KD-V96800	KD-X99596
22	MCF PKG	4	7.24SQ	5.87SQ	1.42	A440	SEAM	KD-VA1J41	----
23	OSC PKG	4	2.5X2.0	1.9X1.4	0.82	A443	SEAM	KD-VA6K36	----
24	OSC PKG	4	3.2X2.5	2.4X1.7	0.90	A443	SEAM	KD-VA5B23-A	KD-XA3E93
25	OSC PKG	4	3.2X2.5	2.4X1.7	0.94	A443	SEAM	KD-VA6F60	KD-XA3E93
26	OSC PKG	4	5.0X3.2	4.1X2.3	1.10	A443	SEAM	KD-VA4247	KD-X99J11
27	OSC PKG	4	6.0X3.5	4.8X2.1	1.50	A440	SEAM	KD-V93128-C	KD-X99599
28	OSC 1.2t	4	7.0X5.0	5.4X3.6	1.20	A443	SEAM	KD-VA3E84	KD-X99E92
29	OSC 1.5t	4	7.0X5.0	5.4X3.6	1.50	A440	SEAM	KD-VA2J19	KD-X99E92
30	VCXO PKG	6	5.0X3.2	4.1X2.3	1.10	A443	SEAM	KD-VA4F51	KD-X99J11
31	VCXO PKG	6	7.0X5.0	5.4X3.6	1.50	A440	SEAM	KD-VA1806	KD-X99E92
32	TCXO PKG	4	7.0X5.0	2.8X2.6	0.70	A440	-	KD-V98A45-A	-----
33	Crystal PKG	4	2.05X1.65	1.65X1.25	0.35	AO700	Au-Sn	KD-VA6K35-A	----
34	Crystal PKG	4	2.5X2.0	1.9X1.4	0.47	A443	SEAM	KD-VA6A01-A	----
35	Crystal PKG	4	3.2X2.5	2.4X1.7	0.55	A443	SEAM	KD-VA3E89	KD-X99E82
36	Crystal PKG	4	3.2X2.5	2.3X1.6	0.50	A443	DS	KD-VA2L17-B	KD-XA3F02
37	Crystal PKG	4	4.0X2.5	3.2X1.7	0.55	A443	SEAM	KD-VA2K02-A	KD-X99J17
38	Crystal PKG	4	4.9X3.1	4.0X2.2	0.65	A443	SEAM	KD-V99F06	KD-X99635
39	Crystal PKG	4	5.0X3.2	4.1X2.3	0.80	A443	SEAM	KD-V99087-C	KD-X99E93
40	Crystal PKG	4	5.0X3.2	4.1X2.3	0.65	A443	DS	KD-V99951	KD-XA2A37
41	Crystal PKG	4	6.0X3.5	4.8X2.3	0.80	A443	SEAM	KD-V99620-A	KD-X99593
42	Crystal PKG	4	7.0X5.0	5.4X3.6	0.90	A443	SEAM	KD-VA2H83	KD-X99E92
43	Crystal PKG	6	7.8X3.4	6.4X2.2	0.95	A443	SEAM	KD-V97782	KD-X99632
44	Crystal PKG	4	2.5X2.0	1.8X1.3	0.45	A443	FRIT	KD-VA5745	A-000021-C1
45	Crystal PKG	4	3.2X2.5	2.3X1.6	0.50	A443	FRIT	KD-V99358-A	A-000020-E1
46	Crystal PKG	4	4.0X2.5	3.1X1.6	0.60	A443	FRIT	KD-V99362-A	A-000002-A1
47	Crystal PKG	4	5.0X3.2	4.0X2.2	0.65	A440	FRIT	KD-V99E57	A-000011-A1
48	Crystal PKG	2	5.0X3.2	4.0X2.2	0.60	A440	FRIT	KD-VA1998-A	A-000011-A1
49	Crystal PKG	4	6.0X3.5	4.8X2.3	0.65	A443	FRIT	KD-V99903	A-000006-A1
50	Crystal PKG	2	6.0X3.5	4.8X2.3	0.60	A440	FRIT	KD-V98642-B	A-000005-A1
51	Crystal PKG	4	7.0X5.0	5.4X3.6	0.60	A440	FRIT	KD-VA0637	A-000007-A1
52	Crystal PKG	2	7.0X5.0	5.4X3.6	0.60	A440	FRIT	KD-V99352	A-000007-A1
53	Crystal PKG	2	8.0X4.5	6.0X3.0	0.80	A440	FRIT	KD-VA0B08	A-000008-A1
54	Crystal PKG	4	11.8X5.5	---	1.00	A440	FRIT	KD-V96793	A-0000016-A2
55	TF XTAL PKG	2	3.2X1.5	2.5X0.8	0.50	A443	Au-Sn	KD-VA7071	----
56	TF XTAL PKG	2	4.1X1.5	3.4X0.8	0.70	A440	Au-Sn	KD-VA3E35	----
57	DIODE PKG	6	6.22X4.32	4.45X2.54	1.40	A440	EPOXY	KD-E91897	----
58	DIODE PKG	6	6.22X4.32	4.45X2.54	1.40	A440	Au-Sn	KD-V94364-A	----
59	DIODE PKG	3	3.05X2.54	1.78X1.27	1.02	A440	Au-Sn	KD-VA0219	----