



Test/Bw Freq./Min. (MHz)/(MHz)	Selectivity (Min.) dB (MHz) dB (MHz)	Ripple/Loss dB/dB	Digi-Key Part No.	Cut Tape Pricing 1 10	Tape and Reel Pricing	Toko Part No.
Fig. 1 — 5CHW Type — Surface Mount						
427/10	20 (+50) 14 (-50)	0.5/3.0	TKS5441CT-ND	19.90 159.20	8932.50/750	492S-1053A
435/10	20 (+50) 14 (-50)	0.5/3.5	TKS5442CT-ND	19.90 159.20	—	492S-1055A
456/16	16 (+50) 12 (-50)	0.5/3.5	TKS5444CT-ND	19.90 159.20	8932.50/750	492S-1059A
Fig. 2 — 5CHT Type — Surface Mount						
425/10	30 (+50) 30 (-50)	0.5/4.5	TKS5450CT-ND	27.25 218.00	10218.75/750	493S-1068A
430/10	30 (+50) 30 (-50)	0.5/4.5	TKS5451CT-ND	27.25 218.00	10218.75/750	493S-1069A
440/10	27 (+50) 27 (-50)	0.5/4.5	TKS5452CT-ND	27.25 218.00	—	493S-1071A
452/10	27 (+50) 27 (-50)	0.5/4.5	TKS5453CT-ND	27.25 218.00	10218.75/750	493S-1073A
Fig. 3 — 5CHLW Type — Surface Mount						
836/23	14 (+100) 22 (-100)	1.0/2.5	TKS5432CT-ND	13.17 104.23	—	477MS-1093A
881/23	12 (+100) 19 (-100)	1.0/2.5	TKS5435CT-ND	13.17 104.23	—	477MS-1094A
915/25	18 (+100) 25 (-100)	1.0/2.5	TKS5437CT-ND	20.90 167.20	5800.00/1000	477MS-1035A
933/25	18 (+100) 25 (-100)	1.0/2.5	TKS5438CT-ND	20.90 167.20	5800.00/1000	477MS-1036A

† For Tape and Reel part number, change CT-ND to TR-ND.

Test / Bw Freq. / Min. (MHz) / (MHz)	Selectivity (Min.) dB (MHz) dB (MHz)	Ripple/ Loss dB / dB	Digi-Key Part No.	Pricing 1 10 50	Toko Part No.
Fig. 4 — 5HW Type					
365 / 6	20 (-50) 25 (+50)	1.0 / 4.5	TKS5414-ND	26.05 208.40 989.90	5HW-35045A-365
475 / 8	18 (-50) 22 (+50)	1.0 / 4.5	TKS5415-ND	26.05 208.40 989.90	5HW-44545A-475
820 / 16	22 (-100) 24 (+100)	1.0 / 3.5	TKS5419-ND	26.05 208.40 989.90	5HW-78045A-820
1010 / 16	14 (-100) 18 (+100)	1.0 / 3.5	TKS5421-ND	26.05 208.40 989.90	5HW-100900A-1010
1305 / 25	18 (-100) 20 (+100)	1.0 / 3.5	TKS5423-ND	26.05 208.40 989.90	5HW-125055F-1305
Fig. 5 — 5HT Type					
360 / 16	33 (-50) 25 (+50)	1.0 / 4.0	TKS5401-ND	23.70 189.60 900.60	5HT-36020AS-360
440 / 14	28 (-50) 25 (+50)	1.0 / 4.0	TKS5403-ND	23.70 189.60 900.60	5HT-44020AS-440

Test / Bw Freq. / Min. (MHz) / (MHz)	Selectivity (Min.) dB (MHz) dB (MHz)	Ripple/ Loss dB / dB	Digi-Key Part No.	Pricing 1 10 50	Toko Part No.
Fig. 6 — 7HW Type					
480 / 14	26 (-50) 22 (+50)	1.0 / 4.0	TK5404-ND	23.70 189.60 900.60	5HT-48030AS-480
515 / 16	25 (-50) 20 (+50)	1.0 / 4.0	TK5405-ND	23.70 189.60 900.60	5HT-51535AS-515
655 / 12	30 (-50) 26 (+50)	1.0 / 4.0	TK5407-ND	23.70 189.60 900.60	5HT-65550F-655
735 / 15	28 (-50) 24 (+50)	1.0 / 4.0	TK5408-ND	23.70 189.60 900.60	5HT-73565F-735
830 / 15	26 (-50) 22 (+50)	1.0 / 4.0	TK5409-ND	23.70 189.60 900.60	5HT-83050F-830
Fig. 7 — 7HT Type					
435 / 10.5	17 (-5) 14 (+15)	1.5 / 3.0	TK3302-ND	20.45 163.60 777.10	252MXPR-2537A
453 / 11.5	16 (-3) 13 (+7)	1.5 / 2.5	TK3303-ND	20.45 163.60 777.10	252MXPR-2767A
480 / 12.5	14 (-10) 11 (+10)	1.5 / 2.5	TK3305-ND	19.43 174.83 777.00	252MXPR-2765A
550 / 7	23 (-10) 20 (+15)	1.5 / 3.5	TK3307-ND	10.23 92.03 409.00	252HXP-2736F
600 / 8	23 (-5) 21 (+15)	1.5 / 3.5	TK3308-ND	20.45 163.60 777.10	252HXP-2733F
830 / 13.5	20 (-35) 18 (+10)	1.5 / 3.0	TK3311-ND	20.45 163.60 777.10	252HXP-2774F
Fig. 8 — CBW Type					
220 / 2.0	20 (-15) 18 (+15)	0.5 / 3.0	TK3601-ND	32.25 258.00 1225.50	271MT-1166A
167 / 2.4	19 (-10) 17 (+10)	1.0 / 2.5	TK3605-ND	32.25 258.00 1225.50	271MT-1136A
187 / 2.8	15 (-10) 14 (+10)	1.0 / 2.5	TK3603-ND	32.25 258.00 1225.50	271MT-1143A
216 / 3.0	15 (-10) 14 (+10)	1.0 / 3.0	TK3602-ND	32.25 258.00 1225.50	271MT-1145A
Fig. 9 — CBT Type					
145 / 2.8	25 (-6) 25 (+6)	0.5 / 8.0	TK3506-ND	48.30 386.40 1835.40	272MT-1006A
145 / 1.2	30 (-6) 30 (+6)	0.5 / 8.0	TK3504-ND	48.30 386.40 1835.40	272MT-1008A
223 / 2.6	28 (-10) 40 (+20)	0.5 / 6.0	TK3501-ND	48.30 386.40 1835.40	272MT-1080A

NEW! Ferrite Toroid Cores for Chokes and Transformers



Epcos Ferrite Toroid Cores are used primarily as EMC chokes for suppressing RF interference in the MHz region and in signal.

Dimensions — mm	Relative Initial Permeability	A _L Value (nH)	Digi-Key Part No.	Pricing 1 10 100	Epcos Part No.
6.3 3.8 2.5	10,000	2,530	495-3873-ND	.38 2.81 21.88	B64290P0037X038
6.3 3.8 2.5	4,300	1,090	495-3874-ND	.35 2.59 20.13	B64290P0037X830
10.0 6.0 4.0	10,000	4,090	495-3847-ND	.32 2.41 18.73	B64290L0038X038
10.0 6.0 4.0	4,300	1,760	495-3848-ND	.23 1.73 13.48	B64290L0038X830
10.0 6.0 4.0	2,200	900	495-3849-ND	.22 1.62 12.60	B64290L0038X087
12.5 7.5 5.0	10,000	5,110	495-3851-ND	.45 3.35 26.08	B64290L0044X038
12.5 7.5 5.0	4,300	2,200	495-3852-ND	.30 2.23 17.33	B64290L0044X830
12.7 7.9 6.35	2,200	1,300	495-3870-ND	.44 3.33 25.90	B64290L0742X087
16.0 9.6 6.3	6,000	3,870	495-3853-ND	.50 3.71 28.88	B64290L0045X035
16.0 9.6 6.3	10,000	6,440	495-3854-ND	.54 4.07 31.68	B64290L0045X038
16.0 9.6 6.3	4,300	2,770	495-3855-ND	.46 3.47 26.95	B64290L0045X830
16.0 9.6 6.3	2,200	1,420	495-3856-ND	.66 4.95 38.90	B64290L0045X087
20.0 10.0 7.0	5,100	5,000	495-3863-ND	.80 6.03 46.90	B64290L0632X035
20.0 10.0 7.0	4,300	4,160	495-3864-ND	.60 4.52 35.18	B64290L0632X830
22.1 13.7 6.35	2,200	1,340	495-3865-ND	.67 5.00 38.85	B64290L0638X087

Dimensions — mm	Relative Initial Permeability	A _L Value (nH)	Digi-Key Part No.	Pricing 1 10 100	Epcos Part No.
25.3 14.8 10.0	6,500	6,970	495-3859-ND	.83 6.26 48.65	B64290L0618X037
25.3 14.8 10.0	5,000	5,400	495-3860-ND	.89 6.68 51.98	B64290L0618X035
25.3 14.8 10.0	10,000	10,700	495-3861-ND	1.21 9.07 70.53	B64290L0618X038
25.3 14.8 10.0	4,300	4,620	495-3862-ND	.78 5.83 45.33	B64290L0618X830
34.0 20.5 12.5	4,300	5,460	495-3857-ND	3.71 27.83 216.48	B64290L0048X830
34.0 20.5 10.0	4,300	4,360	495-3868-ND	2.39 17.91 139.30	B64290L0058X830
36.0 23.0 15.0	10,000	13,500	495-3868-ND	3.90 29.23 227.33	B64290L0674X038
36.0 23.0 15.0	4,300	5,750	495-3869-ND	3.32 24.91 193.73	B64290L0674X830
38.1 19.05 12.7	10,000	17,600	495-3867-ND	3.28 24.62 191.45	B64290L0668X038
40.0 24.0 16.0	4,300	7,000	495-3866-ND	3.47 26.03 202.48	B64290L0659X830
41.8 26.2 12.5	4,300	5,000	495-3846-ND	3.78 28.37 220.68	B64290L0022X830
50.0 30.0 15.0	4,300	8,700	495-3871-ND	7.45 55.87 434.53	B64290L0082X830
50.0 30.0 20.0	2,200	4,460	495-3872-ND	8.25 61.88 481.25	B64290L0082X087
58.3 40.8 17.6	4,300	5,400	495-3850-ND	11.24 84.29 655.55	B64290L0040X830
102 65.8 15.0	4,200	5,500	495-3845-ND	51.53 386.46 3005.80	B64290L0084X830

More Product Available Online: www.digkey.com

Toll-Free: 1-800-344-4539 • Phone 218-681-6674 • Fax: 218-681-3380