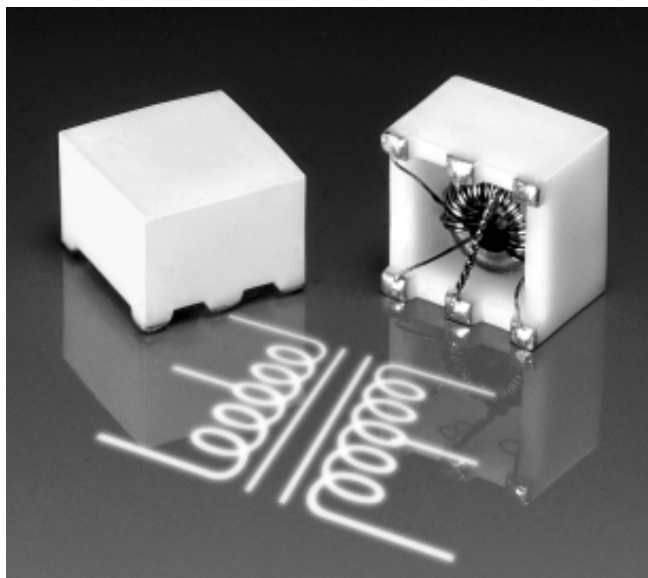


NEW!

Surface Mount Wideband RF Transformers

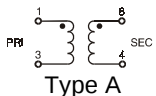
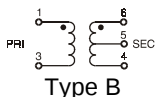
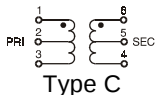


These wideband RF transformers provide excellent performance at a very economical price. They come tapped or untapped and are packaged in a low profile, flat top ceramic case that makes them ideal for pick and place operations. They feature 400 V isolation and a 500 mA maximum current rating. Operating temperature range is -20° to +85° C.

Applications include impedance matching, voltage or current transformation, DC isolation, balanced/unbalanced mixing, matching, power splitting, coupling and signal inversion.

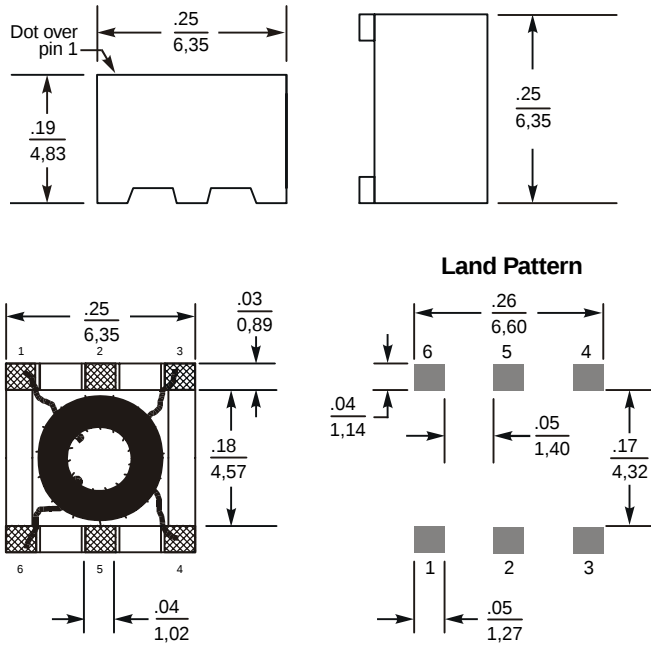
In addition to the standard parts shown, transformers with other combinations of impedance ratio, insertion loss, frequency response and current handling.

Coilcraft **Designer's Kit C129** contains samples of each part. Order by phone or at <http://order.coilcraft.com>

Type	Part number	Ohm ratio	Frequency range (MHz)	Insertion loss Max (dB)	Pins 1-3 L Min (μH) RDC Max (Ohms)	Pins 6-4 L Min (μH) RDC Max (Ohms)
 Type A	TTWB-1-A	1:1	.080 - 450	0.6	40 0.06	40 0.06
	TTWB-1.5-A	1:1.5	.030 - 300	0.35	75 0.08	150 0.12
	TTWB-2-A	1:2	.050 - 200	0.25	110 0.08	160 0.11
	TTWB-4-A	1:4	.100 - 290	0.5	35 0.06	150 0.11
	TTWB-16-A	1:16	.050 - 80	0.35	75 0.26	1250 0.91
	TTWB1010	1:1	.0035 - 125	0.2	780 0.32	780 0.32
	TTWB1010-1	1:1	.03 - 250	0.2	95 0.20	95 0.20
	TTWB1015	1:1.5	.07 - 225	0.4	51 0.13	80 0.145
 Type B	TTWB-1-B	1:1	.130 - 425	0.4	22 0.06	22 0.07
	TTWB-1.5-B	1:1.5	.500 - 250	0.4	75 0.08	150 0.13
	TTWB-2-B	1:2	.200 - 400	0.35	140 0.1	200 0.12
	TTWB-4-B	1:4	.100 - 1500	0.5	35 0.06	150 0.11
	TTWB-16-B	1:16	.075 - 90	0.3	75 0.26	1250 0.91
	TTWB2010	1:1	.0035 - 125	0.2	780 0.32	780 0.32
	TTWB2010-1	1:1	.03 - 250	0.2	95 0.20	95 0.20
	TTWB2040	1:4	.15 - 400	0.4	25 0.115	95 0.16
 Type C	TTWB-1-C	1:1	.100 - 300	0.6	22 0.07	22 0.07
	TTWB-1.5-C	1:1.5	.150 - 200	0.3	75 0.10	150 0.13
	TTWB-2-C	1:2	.130 - 285	0.3	140 0.11	200 0.12
	TTWB-4-C	1:4	.400 - 1350	0.5	35 0.07	150 0.11
	TTWB3010	1:1	.0035 - 125	0.2	780 0.32	780 0.32
	TTWB3010-1	1:1	.03 - 250	0.2	95 0.20	95 0.20
	TTWB3015	1:1.5	.07 - 225	0.4	51 0.13	80 0.145
	TTWB3040	1:4	.15 - 400	0.4	25 0.115	95 0.16

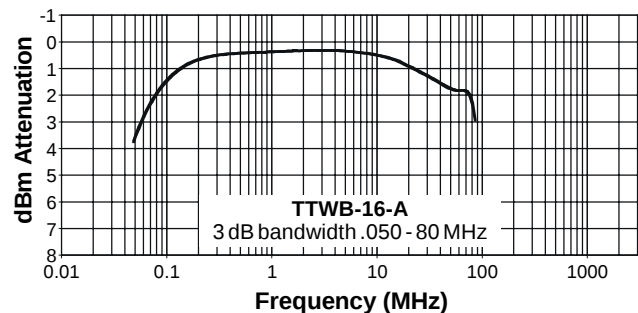
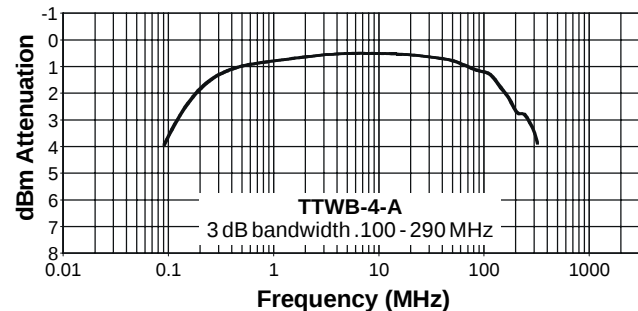
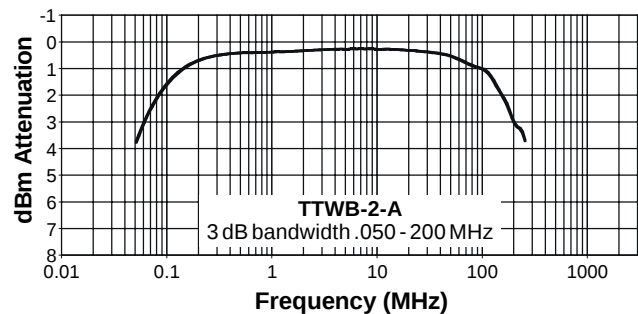
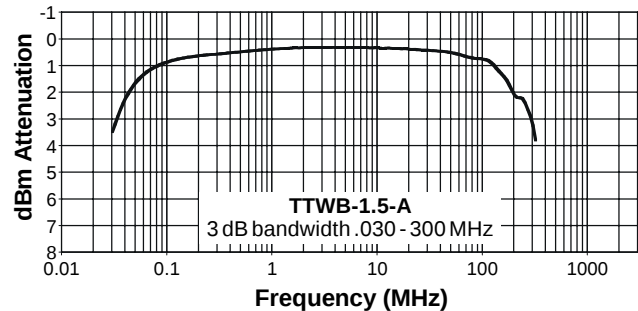
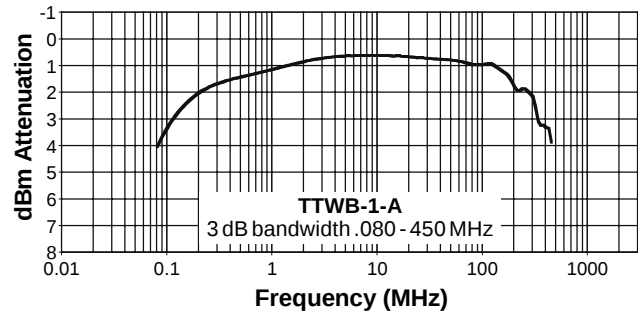
Specifications subject to change without notice. Document 194-1 Revised 6/8/99

1102 Silver Lake Road Cary, Illinois 60013 Phone 847/639-6400 Fax 847/639-1469
E-mail info@coilcraft.com Data by Fax 800/651-6974 Web <http://www.coilcraft.com>



Parts/reel: 7" 500 Tape width: 16 mm
For packaging data see "Tape and Reel Specifications" section (Doc. 173)

Type A Transformers



Typical Frequency Response

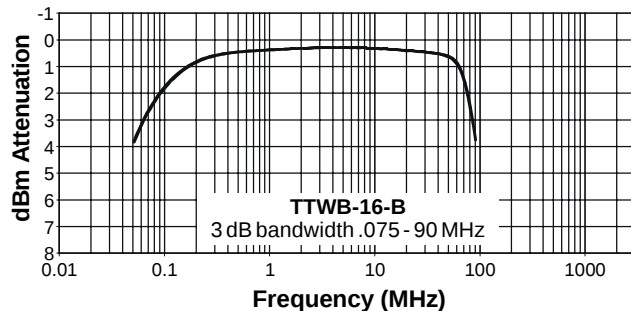
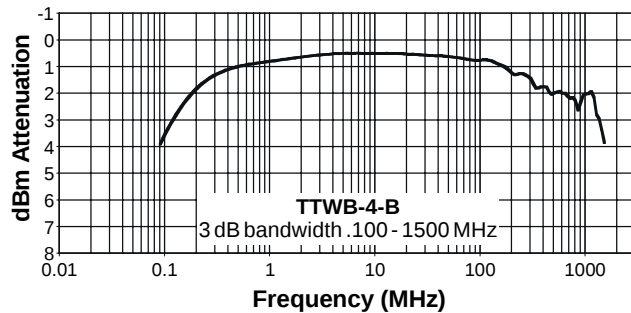
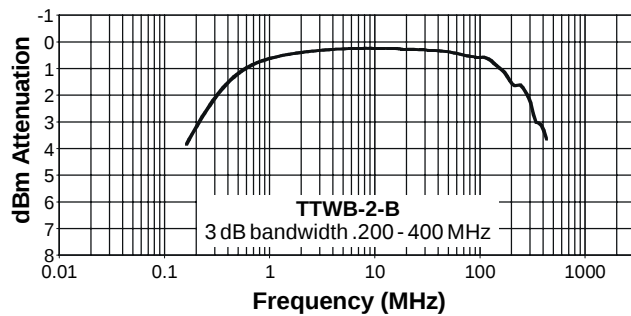
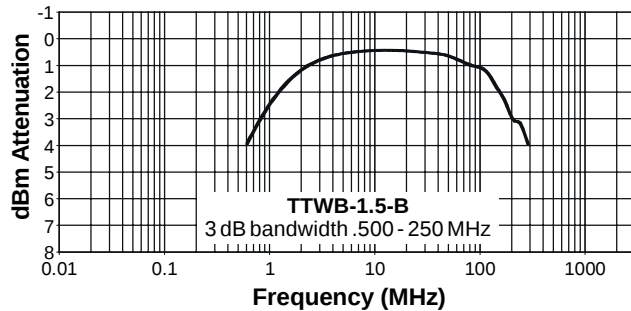
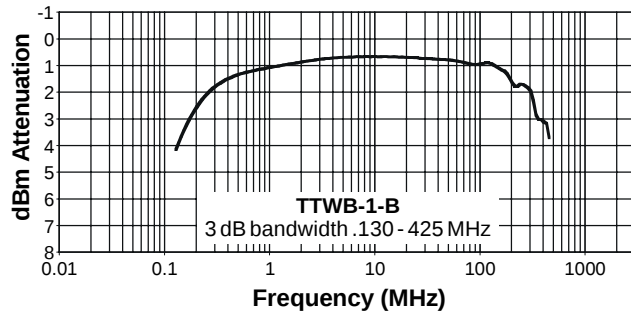
Part number	3 dB (MHz)	2 dB (MHz)	1 dB (MHz)
TTWB-1-A	.080 - 450	.130 - 325	.300 - 190
TTWB-1.5-A	.030 - 300	.035 - 250	.060 - 150
TTWB-2-A	.050 - 200	.060 - 160	.100 - 100
TTWB-4-A	.100 - 290	.150 - 180	.250 - 125
TTWB-16-A	.050 - 80	.060 - 75	.110 - 30
TTWB1010	.0035 - 125	.0045 - 100	.007 - 80
TTWB1010-1	.03 - 250	.04 - 225	.06 - 200
TTWB1015	.07 - 225	.1 - 200	.2 - 125
TTWB1040	.15 - 400	.25 - 350	.8 - 250
TTWB-1-B	.130 - 425	.180 - 325	.320 - 190
TTWB-1.5-B	.500 - 250	.800 - 175	1.50 - 120
TTWB-2-B	.200 - 400	.225 - 275	.500 - 150
TTWB-4-B	.100 - 1500	.150 - 700	.300 - 300
TTWB-16-B	.075 - 90	.110 - 75	.200 - 65
TTWB2010	.0035 - 125	.0045 - 100	.007 - 80
TTWB2010-1	.03 - 250	.04 - 225	.06 - 200
TTWB2040	.15 - 400	.25 - 350	.8 - 250
TTWB-1-C	.100 - 300	.130 - 200	.200 - 150
TTWB-1.5-C	.150 - 200	.225 - 150	.350 - 100
TTWB-2-C	.130 - 285	.200 - 175	.325 - 125
TTWB-4-C	.400 - 1350	.625 - 300	.900 - 180
TTWB3010	.0035 - 125	.0045 - 100	.007 - 80
TTWB3010-1	.03 - 250	.04 - 225	.06 - 200
TTWB3015	.07 - 225	.1 - 200	.2 - 125
TTWB3040	.15 - 400	.25 - 350	.8 - 250

Coilcraft

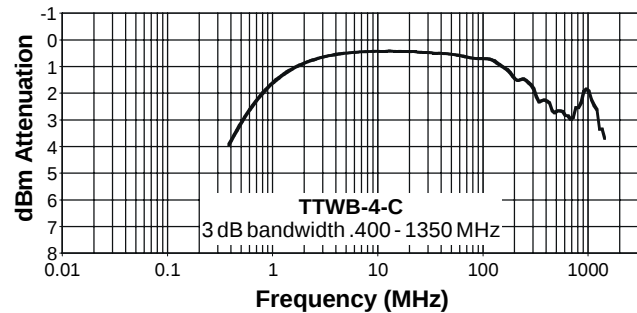
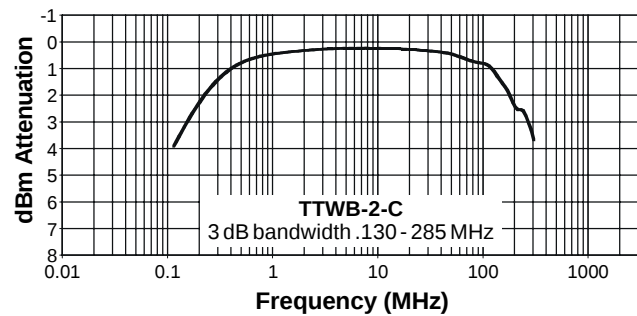
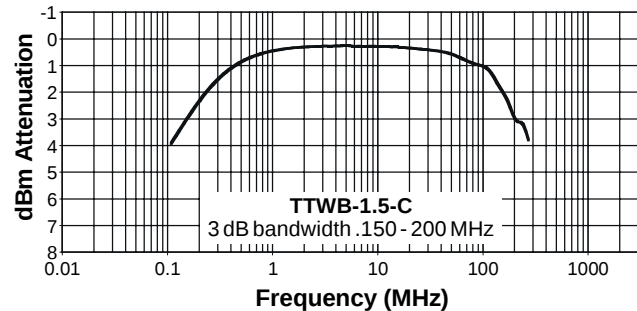
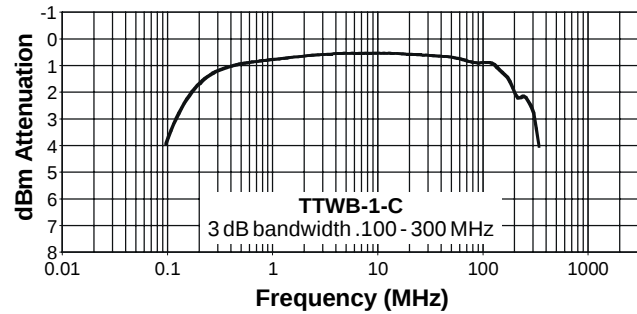
Specifications subject to change without notice. Document 194-2 Revised 2/1/99

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Type B Transformers



Type C Transformers



Specifications subject to change without notice. Document 194-3 Revised 2/1/99

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