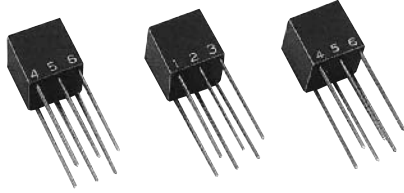


Ultra Wideband Audio Transformers

Operation Temperature of -55°C to 130° for Demanding Applications



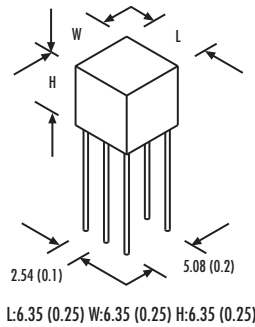
- Highest Density Package Available
- Optimized for Audio Impedance Matching Applications
- Frequency Range = 400Hz - 250kHz
- HiPot = 150Vrms (Pri:Sec)

ID Part #	Rated Power @ 1KHz (mW)	Impedance Primary (Pri. Ω)	Impedance Secondary (Sec. Ω)	Turns Ratio	UnBalance Current (mA)	Distortion (% MAX.)	Freq. Response (dB)	DCR (Pri Ω)	DCR (Sec Ω)	Schematic Fig.
MX-52	40	10 K CT	10 K CT	1CT:1CT	0.25	7	+/- 2	1150	1220	1
MX-58	50	600 CT	600 CT	1CT:1CT	1	7	+/- 2	78	93	1
MX-59	50	500 CT	50	1CT: 0.316	1	7	+/- 2	62	5	1
MX-61	50	600 CT	8	8.66CT:1	1	7	+/- 2	90	1.5	2

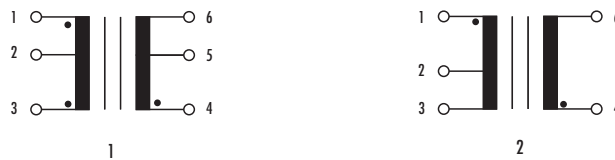
Telecom Transformers

Mechanical Dimensions mm (inches)

All dimensions are typical, please contact Tamura for tolerances and suggested layout information.



Schematics



TAMURA CORPORATION

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United Kingdom

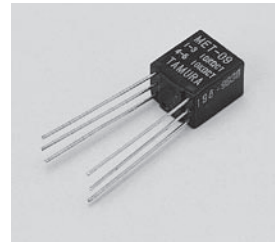
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Fax: 44 (0) 1380 731 702

Hong Kong

Tel: 852-2389-4321
Fax: 852-2341-9689

Ultra Wideband Audio Transformers

- Highest Density Package Available
- Optimized for Audio Impedance
- Frequency Range: 300Hz - 100KHz
- HiPot: Most parts meet 1KVrms (Pri:Sec)

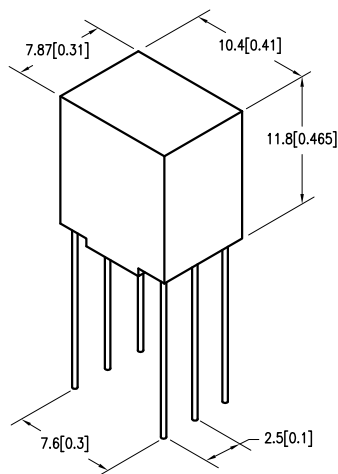


Tamura Part #	Impedance (Pri. Ω)	Impedance (Sec. Ω)	Turns Ratio (Pri:Sec)	UnBalance Current (mA)	Max. Pwr. Level (mW)	Freq. Response (dB)	DCR (Pri. Ω)	DCR (Sec. Ω)	Schematic Fig.
MET-01	200K CT	1K CT	14.1CT:1CT	0.0	10.0	+/-2	5300	120	1
MET-05	25K CT	1K CT	5CT:1CT	0.5	30.0	+/-2	1600	95	1
MET-09	10K CT	10K CT	1CT:1CT	1	40.0	+/-2	1000	1300	1
MET-11	10K CT	2K CT	2.23CT:1CT	1.0	40.0	+/-2	1000	300	1
MET-17	10K CT	500 CT	4.47CT:1CT	1.0	40.0	+/-2	1000	80	1
MET-23	1.6K CT	3.2	22.4CT:1	2.5	65.0	+/-3	186	0.8	3
MET-24	1.5K CT	600	1.58CT:1	3	50.0	+/-2	160	95	3
MET-28	1K	50	4.47:1	3.0	50.0	+/-2	110	8	4
MET-31 ¹	600 CT	600 CT	1CT:1CT	3	50.0	+/-2	70	95	1
MET-32	600	150/150	2:1:1	3	50.0	+/-2	70	95	2
MET-35	600 CT	8	8.66CT:1	4.5	50.0	+/-2	60	1.5	3
MET-39	500	50	3.16:1	3.0	50.0	+/-2	55	8	4
MET-42	150	12	3.54:1	10.0	50.0	+/-2	20	2.5	4
MET-46 ¹	600	600	1:1	3	50.0	+/-2	72	93	4
MET-50	10K	125	8.62:1	0.0	10.0	+/-3	1100	28	4
MET-59	600	150/150	1:1CT	3.0	50.0	+/-2	70	95	2
MET-60	135	135 CT	1:1CT	10	50.0	+/-2	10	10	5
METC-99	Optional Metal Shield								

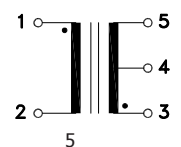
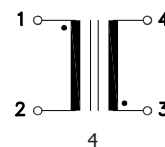
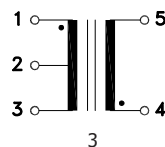
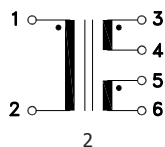
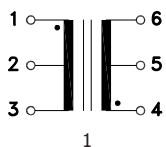
¹ Meets FCC Parts 68 (Hi-Pot 1.5KV or 1.0KV)

Mechanical Dimensions mm (inches)

All dimensions are typical. Please contact Tamura for tolerances and suggested layout information.



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