

Microphone/Transducer Audio Input Transformers

Used for Professional Sound Studios
Broadcast Mixing Consoles
Control and Instrument Amplifiers

- Large step-up ratios with flat frequency response over the entire audio range.
- Gapless laminations provide wide bandwidth with extremely low distortion. Use of two magnetic shields made with extra thick mu-metal and gapless core provide negligible hum pick up. All units provided with electrostatic shield.
- Your choice of two package styles, stud mounting with flying leads or low profile thru hole. Identical electrical performance regardless of package style.
- Frequency response ± 1 dB, 30 Hz - 15 kHz.
- Low profile thru hole (24000 series) manufactured to MIL-PRF-27, Grade 5, Class R.
- Because of gapless laminations, unbalanced DC current should be avoided.
- Typical distortion of 1% at power level of 0 dBm (1 Milliwatt), 30 Hz - 15 kHz. If the low frequency is raised, the power level for 1% distortion is as follows:

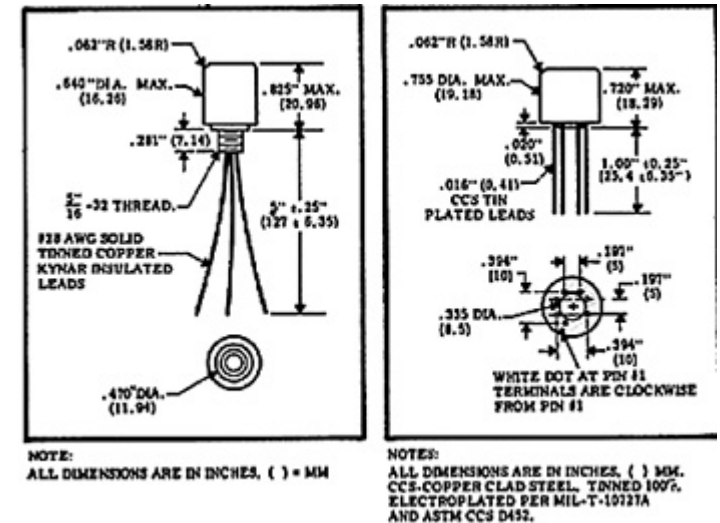
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50 Hz - 3 Milliwatts (4.7 dBm)

100 Hz - 10 Milliwatts (10 dBm)

300 Hz - 150 Milliwatts (21.7 dBm)

All units have two extra thick mu-metal shields.



[Larger size drawing](#)

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Part Number		Impedance Ohms		Turns ratio Prim/Sec		D.C. Resistance			Typical Prim Open Circuit Imped. at 50 Hz	Prices 1-9*** (US \$)	
Commercial Stud Mounting	Military Thru Hole	Prim	Sec	Prim Ser Conn	Prim Par Conn	Prim Ser Conn	Prim Par Conn	Sec		Commercial Stud Mounting	Military Thru Hole
23120	24120	12.5	5K	1:20	-	4.6	-	1K	125	91.85	110.36
23140	24140	200	200	1:1	-	50	-	75	2K	86.92	101.39
23160	24160	200ct/50 split	200	1:1	1:2	50	12.5	75	2K	85.67	104.20
23180	24180	200	2K	1:3.16	-	50	-	580	2K	86.94	101.39
23200	24200	200ct/50 split	2K	1:3.16	1:6.33	50	12.5	580	2K	85.67	104.20
23220	24220	200	5K	1:5	-	50	-	1.45K	2K	86.71	101.39
23240	24240	200ct/50 split	5K	1:5	1:10	50	12.5	1.45K	2K	86.71	113.72
23260	24260	200	10K	1:7.07	-	50	-	3.45K	2K	85.67	104.20
23280	24280	200ct/50 split	10K	1:7.07	1:14.14	50	12.5	3.45K	2K	98.01	116.57
23300	24300	200	20K	1:10	-	85	-	4.75K	2K	89.17	107.58
23320	24320	200ct/50 split	20K	1:10	1:20	85	21	4.75K	2K	101.39	119.93
23340	24340	200	45K	1:15	-	85	-	10.4K	2K	106.09	122.67
23360	24360	200ct/50 split	45K	1:15	1:30	85	21	10.4K	2K	116.57	134.95
23380	24380	200	80K	1:20	-	115	-	13.5K	2K	110.36	128.79
23400	24400	200ct/50 split	80K	1:20	1:40	115	29	13.5K	2K	112.67	141.09
23420	24420	600 ct	600	1:1	-	140	-	190	6K	85.67	104.20
23440	24440	600ct/150 split	600	1:1	1:2	140	35	190	6K	106.09	110.36
23460	24460	600ct/150 split	2.4K	1:2	1:4	140	35	575	6K	98.01	116.57
23480	24480	600ct/150 split	6K	1:3.16	1:6.33	140	35	1.45K	6K	104.28	117.21
23500	24500	600ct/150 split	15K	1:5	1:10	140	35	3.9K	6K	110.36	128.79
23520	24520	600ct/150 split	30K	1:7.07	1:14.14	140	35	7.05K	6K	116.57	134.95
23540	24540	600ct/150 split	60K	1:10	1:20	199	50	11K	6K	122.73	141.09
23560	24560	1.2Kct/300 split	1.2K	1:1	1:2	310	78	430	12K	91.85	110.36
23580	24580	1.2Kct/300 split	5K	1:2.04	1:4.08	310	78	1.4K	12K	98.01	116.57
23600	24600	1.2Kct/300 split	12K	1:3.16	1:6.33	310	78	3.75K	12K	104.28	117.21
23620	24620	1.2Kct/300 split	30K	1:5	1:10	475	119	8.45K	12K	110.36	128.79
23640	24640	10K	10K	1:1	-	2.5K	-	3.1K	100K	86.92	101.39

***Discount Prices:

1-9 Net;
10-24 less 10%;
25-49 less 16%;
50-99 less 23%;
100-499 less 30%

Ordering Instructions:

No minimum.
Net 30 days F.O.B. Pelham, NY
Delivery - stock to one week for sample orders.

For immediate engineering assistance or to place an order:

Call Toll Free: 800-431-1064

PICO Electronics, Inc.

143 Sparks Ave. Pelham, NY 10803-1810

Tel: 914-738-1400 or Fax: 914-738-8225

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