

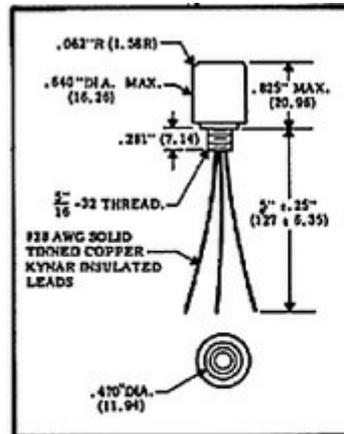
Microphone/Transducer Audio Input Transformers

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

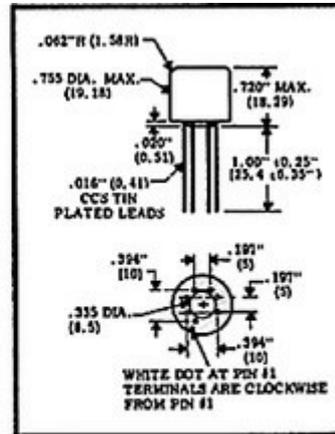
- Large step-up ratios with flat frequency response over the entire audio range.
- Gapless laminations provide wide bandwidth with extremely low distortion. Use of two magnetic shields made with extra thick mu-metal and gapless core provide negligible hum pick up. All units provided with electrostatic shield.
- Your choice of two package styles, stud mounting with flying leads or low profile plug-in. Identical electrical performance regardless of package style.
- Frequency response ± 1 dB, 30 Hz - 15 kHz.
- Low profile plug-in (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:

- 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.



NOTE:
ALL DIMENSIONS ARE IN INCHES, () = MM



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CCS-COPPER CLAD STEEL, TONNED 100%.
ELECTROPLATED PER MIL-T-10727A
AND ASTM CCS D432.

[Larger size drawing](#)

Microphone/Transducer Audio Input Transformers

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 Plug-in	Prim	Sec	Prim Ser Conn	Prim Par Conn	Prim Ser Conn	Prim Par Conn	Sec		Commercial Stud Mounting	Military Plug-in
23120	24120	12.5	5K	1:20	-	4.6	-	1K	125	72.77	87.43
23140	24140	200	200	1:1	-	50	-	75	2K	68.86	80.33
23160	24160	200ct/50 split	200	1:1	1:2	50	12.5	75	2K	67.87	82.55
23180	24180	200	2K	1:3.16	-	50	-	580	2K	68.88	80.33
23200	24200	200ct/50 split	2K	1:3.16	1:6.33	50	12.5	580	2K	67.87	82.55
23220	24220	200	5K	1:5	-	50	-	1.45K	2K	68.69	80.33
23240	24240	200ct/50 split	5K	1:5	1:10	50	12.5	1.45K	2K	68.69	90.09
23260	24260	200	10K	1:7.07	-	50	-	3.45K	2K	67.87	82.55
23280	24280	200ct/50 split	10K	1:7.07	1:14.14	50	12.5	3.45K	2K	77.65	92.35
23300	24300	200	20K	1:10	-	85	-	4.75K	2K	70.65	85.23
23320	24320	200ct/50 split	20K	1:10	1:20	85	21	4.75K	2K	80.33	95.01
23340	24340	200	45K	1:15	-	85	-	10.4K	2K	84.05	97.18
23360	24360	200ct/50 split	45K	1:15	1:30	85	21	10.4K	2K	92.35	106.91
23380	24380	200	80K	1:20	-	115	-	13.5K	2K	87.43	102.03
23400	24400	200ct/50 split	80K	1:20	1:40	115	29	13.5K	2K	97.18	111.78
23420	24420	600 ct	600	1:1	-	140	-	190	6K	67.87	82.55
23440	24440	600ct/150 split	600	1:1	1:2	140	35	190	6K	84.05	87.43
23460	24460	600ct/150 split	2.4K	1:2	1:4	140	35	575	6K	77.65	92.35
23480	24480	600ct/150 split	6K	1:3.16	1:6.33	140	35	1.45K	6K	82.62	92.85
23500	24500	600ct/150 split	15K	1:5	1:10	140	35	3.9K	6K	87.43	102.03
23520	24520	600ct/150 split	30K	1:7.07	1:14.14	140	35	7.05K	6K	92.35	106.91
23540	24540	600ct/150 split	60K	1:10	1:20	199	50	11K	6K	97.23	111.78
23560	24560	1.2Kct/300 split	1.2K	1:1	1:2	310	78	430	12K	72.77	87.43
23580	24580	1.2Kct/300 split	5K	1:2.04	1:4.08	310	78	1.4K	12K	77.65	92.35
23600	24600	1.2Kct/300 split	12K	1:3.16	1:6.33	310	78	3.75K	12K	82.62	92.85
23620	24620	1.2Kct/300 split	30K	1:5	1:10	475	119	8.45K	12K	87.43	102.03
23640	24640	10K	10K	1:1	-	2.5K	-	3.1K	100K	68.86	80.33

***Discount Prices:

Ordering Instructions:

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

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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