

Miniature 400Hz Power Transformers:

SURFACE MOUNT

5 VA to 50 VA

Primary Voltages of 115V or 26V

PICO surface mount units utilize materials and methods to withstand extreme temperatures of vapor phase, I.R., and other reflow procedures without degradation of electrical or mechanical characteristics.

Specifications:

- Manufactured to MIL-PRF-27, Grade 5, Class S.
- 90° C Ambient
- Input Primary 115v - 400Hz $\pm$ 20Hz or 26v - 400Hz - $\pm$ 20Hz (Your Choice - Just Choose The Proper Part No.)
- Regulation is 8%
- Secondary Voltage Adjusted to Nominal Value at Half Load.
- Moisture Sensitivity Level: MSL3
- Terminals: Meet Solderability per MIL-STD-202, Method 208.

115V/26V Primary

SEC/ VOLT	SEC/ CURRENT ma	MODEL NUMBER 115V PRIMARY	MODEL NUMBER 26V PRIMARY	PICO PRICES 1-9* (US \$)
5.0 ct	1000	87515	87015	226.12
	3000	87615	87115	226.12
	5000	87715	87215	226.12
	7000	87815	87315	226.12
	10,000	87915	87415	226.12
6 ct	833	87520	87020	226.12
	2500	87620	87120	226.12
	4166	87720	87220	226.12
	5833	87820	87320	226.12
	8333	87920	87420	226.12
9 ct	555	87525	87025	226.12
	1666	87625	87125	226.12
	2777	87725	87225	226.12
	3888	87825	87325	226.12
	5555	87925	87425	226.12
12 ct	417	87530	87030	226.12
	1250	87630	87130	226.12
	2083	87730	87230	226.12
	2917	87830	87330	226.12
	4166	87930	87430	226.12
14 ct	357	87535	87035	226.12
	1071	87635	87135	226.12
	1786	87735	87235	226.12
	2500	87835	87335	226.12
	3571	87935	87435	226.12

15 ct	333 1000 1667 2333 3333	87540 87640 87740 87840 87940	87040 87140 87240 87340 87440	226.12 226.12 226.12 226.12 226.12
22 ct	227 681 1136 1591 2272	87545 87645 87745 87845 87945	87045 87145 87245 87345 87445	226.12 226.12 226.12 226.12 226.12
24 ct	208 625 1041 1450 2083	87550 87650 87750 87850 87950	87050 87150 87250 87350 87450	226.12 226.12 226.12 226.12 226.12
28 ct	178 535 892 1250 1786	87555 87655 87755 87855 87955	87055 87155 87255 87355 87455	226.12 226.12 226.12 226.12 226.12

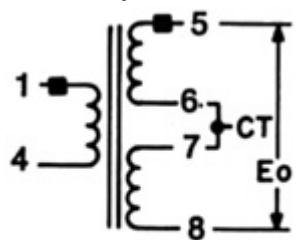
SEC/ VOLT	SEC/ CURRENT ma	MODEL NUMBER 115V PRIMARY	MODEL NUMBER 26V PRIMARY	PICO PRICES 1-9* (US \$)
36 ct	138 416 694 972 1389	87560 87660 87760 87860 87960	87060 87160 87260 87360 87460	226.12 226.12 226.12 226.12 226.12
48 ct	104 312 521 729 1043	87565 87665 87765 87865 87965	87065 87165 87265 87365 87465	226.12 226.12 226.12 226.12 226.12
75 ct	67 200 333 467 676	87570 87670 87770 87870 87970	87070 87170 87270 87370 87470	226.12 226.12 226.12 226.12 226.12

100 ct	50 150 250 350 500	87575 87675 87775 87875 87975	87075 87175 87275 87375 87475	226.12 226.12 226.12 226.12 226.12
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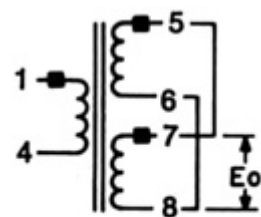
110 ct	45 136 227 318 454	87580 87680 87780 87880 87980	87080 87180 87280 87380 87480	226.12 226.12 226.12 226.12 226.12
115 ct	43 130 217 304 434	87585 87685 87785 87885 87985	87085 87185 87285 87385 87485	226.12 226.12 226.12 226.12 226.12

Features

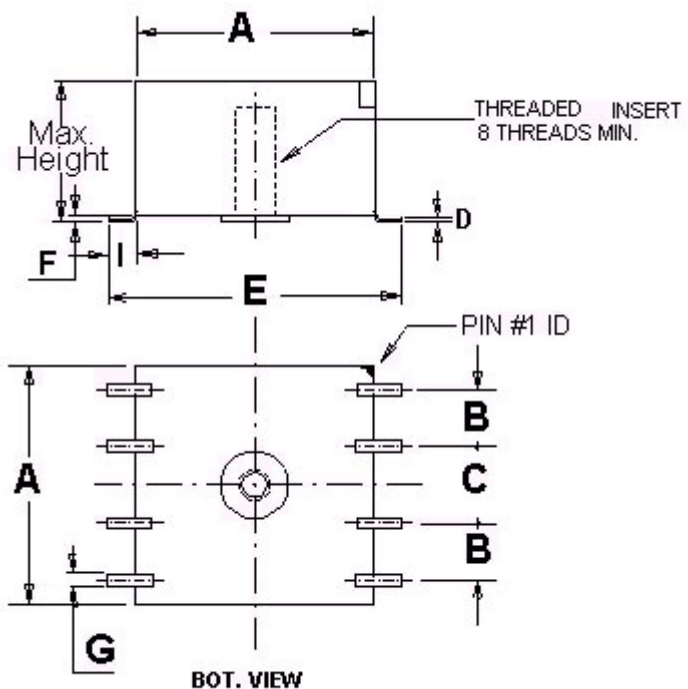
- 400 Hz Aerospace Application.
 - Smallest Possible Size.
 - Secondary Has Split Winding
- (Secondary can be used at half voltage twice the current.)



**SERIES CONNECTED
SECONDARY**



**PARALLEL CONNECTED
SECONDARY**



[Larger size drawing](#)

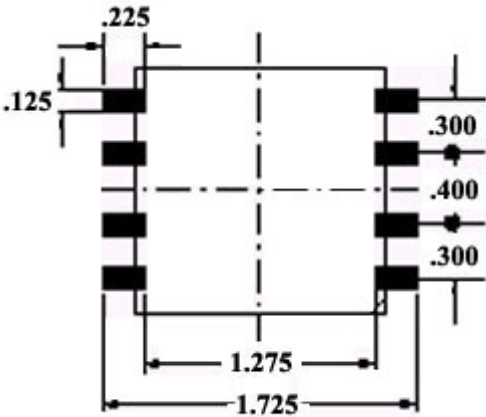
400Hz Power Transformers: Primary Voltages of 115V or 26V. Ultra-miniature size

Series Number	Max. Height	A	B	C	D	E	F	G	I	Insert	Weight
87000	.725 (18.42)	1.375 (34.93)	.300 (7.62)	.400 (10.16)	.017 (.43)	1.625 (41.27)	.020 (.51)	.075 (1.91)	.125 (3.18)	6 - 32 UNC	52 Grams
87100	.850 (20.32)	1.500 (38.10)	.300 (7.62)	.500 (12.70)	.017 (.43)	1.750 (44.45)	.020 (.51)	.075 (1.91)	.125 (3.18)	6 - 32 UNC	65 Grams
87200	.850 (21.59)	1.625 (41.28)	.300 (7.62)	.700 (17.78)	.017 (.43)	1.875 (47.63)	.020 (.51)	.075 (1.91)	.125 (3.18)	6 - 32 UNC	100 Grams

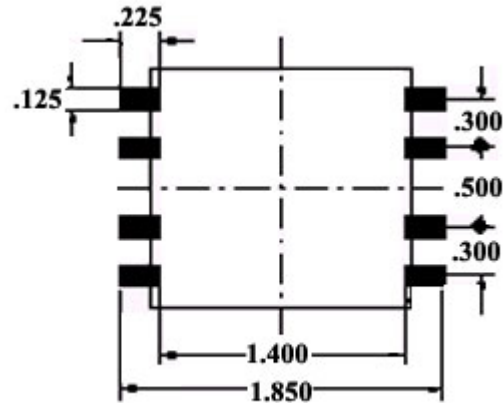
87300	.950 (24.13)	1.750 (44.45)	.300 (7.62)	.800 (20.32)	.017 (.43)	2.000 (50.80)	.020 (.51)	.075 (1.91)	.125 (3.18)	6 - 32 UNC	145 Grams
87400	1.050 (26.67)	2.000 (50.80)	.300 (7.62)	.900 (22.86)	.017 (.43)	2.250 (57.15)	.020 (.51)	.075 (1.91)	.125 (3.18)	6 - 32 UNC	195 Grams
87500	.725 (18.42)	1.375 (34.93)	.300 (7.62)	.400 (10.16)	.017 (.43)	1.625 (41.27)	.020 (.51)	.075 (1.91)	.125 (3.18)	6 - 32 UNC	52 Grams
87600	.850 (20.32)	1.500 (38.10)	.300 (7.62)	.500 (12.70)	.017 (.43)	1.750 (44.45)	.020 (.51)	.075 (1.91)	.125 (3.18)	6 - 32 UNC	65 Grams
87700	.850 (21.59)	1.625 (41.28)	.300 (7.62)	.700 (17.78)	.017 (.43)	1.875 (47.63)	.020 (.51)	.075 (1.91)	.125 (3.18)	6 - 32 UNC	100 Grams
87800	.950 (24.13)	1.750 (44.45)	.300 (7.62)	.800 (20.32)	.017 (.43)	2.000 (50.80)	.020 (.51)	.075 (1.91)	.125 (3.18)	6 - 32 UNC	145 Grams
87900	1.050 (26.67)	2.000 (50.80)	.300 (7.62)	.900 (22.86)	.017 (.43)	2.250 (57.15)	.020 (.51)	.075 (1.91)	.125 (3.18)	6 - 32 UNC	195 Grams

Note Measurements are in inches; () = mm

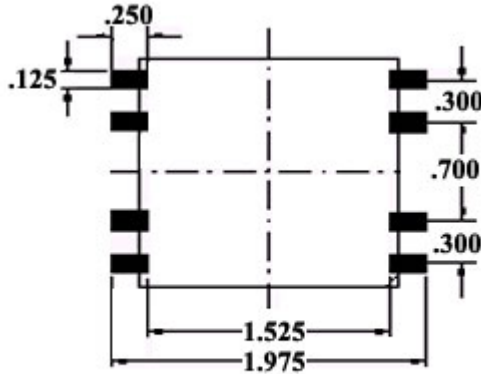
**RECOMMENDED LAND
PATTERN DIMENSIONS
87000 AND 87500 SERIES**



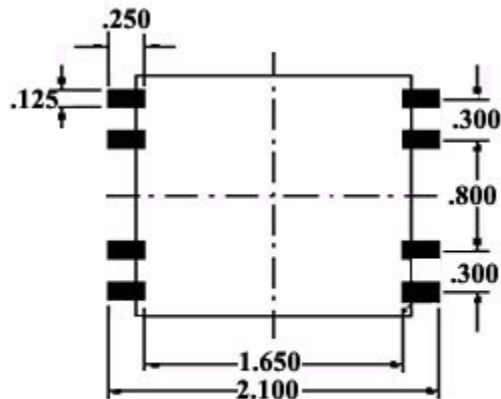
**RECOMMENDED LAND
PATTERN DIMENSIONS
87100 AND 87600 SERIES**



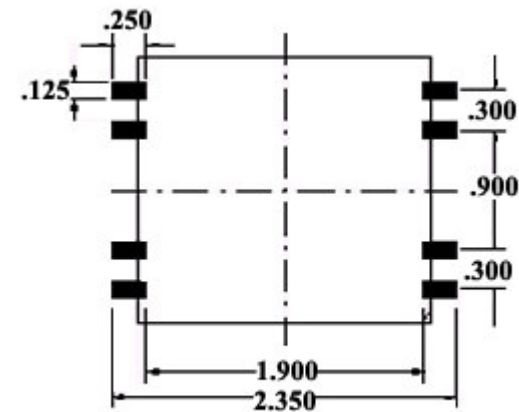
**RECOMMENDED LAND
PATTERN DIMENSIONS
87200 AND 87700 SERIES**



**RECOMMENDED LAND
PATTERN DIMENSIONS
87300 AND 87800 SERIES**



**RECOMMENDED LAND
PATTERN DIMENSIONS
87400 AND 87900 SERIES**



[Click Here for Thru Hole Version of 400 Hz Transformers](#)

***Discount Prices:**

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

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- No minimum.

Net 30 days F.O.B. Pelham, NY

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