Ultra Miniature 400Hz Power Transformers:

SURFACE MOUNT

.375 VA to 2.4 VA

Primary Voltages of 115V or 26V

SURFACE MOUNT
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 ± 20Hz or 26v - 400Hz - ± 20Hz (Your Choice - Just Choose The Proper Part No.)
- Regulation is 24% (84000 Series Have Regulation of 17%)
- Secondary Voltage Adjusted to Nominal Value at Half Load.
- Moisture Sensitivity Level: MSL3
- Terminals: meets 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	75 150 204 338 480	76900 77900 82650 83650 84650	76902 77902 82815 83815 84815	85.81 85.81 126.72 112.70 117.54
6.3 ct	59.5 119 162 268 381	76899 77899 82655 83655 84655	76903 77903 82820 83820 84820	85.81 85.81 126.72 112.70 117.54
8.0 ct	47 94 128 211 300	76898 77898 82660 83660 84660	76904 77904 82825 83825 84825	85.81 85.81 126.72 112.70 117.54
10 ct	37.5 75 102 169 240	76897 77897 82665 83665 84665	76905 77905 82830 83830 84830	85.81 85.81 126.72 112.70 117.54
12.8 ct	29 58.6 79.7 132 188	76892 77892 82670 83670 84670	76906 77906 82835 83835 84835	85.81 85.81 126.72 112.70 117.54
14 ct	26.8 53.6 72.9 121 171	76889 77889 82675 83675 84675	76907 77907 82840 83840 84840	85.81 85.81 126.72 112.70 117.54
16 ct	23 47 63.8 106 150	76887 77887 82680 83680 84680	76908 77908 82845 83845 84845	85.81 85.81 126.72 112.70 117.54
18 ct	20.8 41.7 56.7 93.9 133	76886 77886 82685 83685 84685	76909 77909 82850 83850 84850	85.81 85.81 126.72 112.70 117.54

20 ct	18.8 37.5 51 84.5 120	76885 77885 82690 83690 84690	76911 77911 82855 83855 84855	85.81 85.81 126.72 112.70 117.54
22 ct	17 34 46.4 76.8 109	76884 77884 82695 83695 84695	76912 77912 82860 83860 84860	85.81 85.81 126.72 112.70 117.54
24 ct	15.5 31 42.5 70.4 100	76882 77882 82700 83700 84700	76913 77913 82865 83865 84865	85.81 85.81 126.72 112.70 117.54
28 ct	13.4 26.8 36.4 60.4 85.7	76881 77881 82705 83705 84705	76914 77914 82870 83870 84870	85.81 85.81 126.72 112.70 117.54
SEC/ VOLT	**SEC/ CURRENT ma**	**MODEL NUMBER 115V PRIMARY**	**MODEL NUMBER 26V PRIMARY**	**PICO PRICES 1-9* (US $)**
31 ct	12 24 32.9 54.5 77.4	76879 77879 82710 83710 84710	76916 77916 82875 83875 84875	85.81 85.81 126.72 112.70 117.54
36 ct	10.4 20.8 28.3 46.9 66.7	76877 77877 82715 83715 84715	76917 77917 82880 83880 84880	85.81 85.81 126.72 112.70 117.54
39 ct	9.6 19.2 26.2 43.3 61.5	76876 77876 82720 83720 84720	76918 77918 82885 83885 84885	85.81 85.81 126.72 112.70 117.54

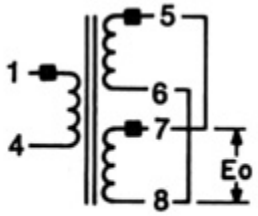
43 ct	8.7 17.4 23.7 39.3 55.8	76875 77875 82725 83725 84725	76919 77919 82890 83890 84890	85.81 85.81 126.72 112.70 117.54
48 ct	7.8 15.6 21.1 35.2 50	76874 77874 82730 83730 84730	76920 77920 82895 83895 84895	85.81 85.81 126.72 112.70 117.54
56 ct	6.6 13.2 18.2 30.2 42.9	76872 77872 82735 83735 84735	76921 77921 82900 83900 84900	85.81 85.81 126.72 112.70 117.54
63 ct	6 11.9 16.2 26.9 38.2	76869 77869 82740 83740 84740	76922 77922 82905 83905 84905	85.81 85.81 126.72 112.70 117.54
68 ct	5.5 11 15 24.9 35.3	76867 77867 82745 83745 84745	76923 77923 82910 83910 84910	85.81 85.81 126.72 112.70 117.54
80 ct	4.6 9.4 12.1 21.1 30	76862 77862 82750 83750 84750	76925 77925 82915 83915 84915	85.81 85.81 126.72 112.70 117.54
88 ct	4.2 8.5 11.6 19.2 27.3	76857 77857 82755 83755 84755	76926 77926 82920 83920 84920	85.81 85.81 126.72 112.70 117.54
100 ct	3.7 8.5 10.2 16.9 24	76854 77854 82760 83760 84760	76927 77927 82925 83925 84925	85.81 85.81 126.72 112.70 117.54

SEC/ VOLT	SEC/ CURRENT ma	MODEL NUMBER 115V PRIMARY	MODEL NUMBER 26V PRIMARY	PICO PRICES 1-9* (US $)
115 ct	3.2 6.5 8.9 14.7 20.9	76852 77852 82765 83765 84765	76928 77928 82930 83930 84930	85.81 85.81 126.72 112.70 117.54
123 ct	8.3 13.7 19.5	82770 83770 84770	82935 83935 84935	126.72 112.70 117.54
138 ct	7.4 12.2 17.4	82775 83775 84775	82940 83940 84940	126.72 112.70 117.54
157 ct	6.5 10.8 15.3	82780 83780 84780	82945 83945 84945	126.72 112.70 117.54
175 ct	5.8 9.6 13.7	82785 83785 84785	82950 83950 84950	126.72 112.70 117.54
200 ct	5.1 8.4 12	82790 83790 84790	82955 83955 84955	126.72 112.70 117.54
220 ct	7.7 10.9	83795 84795	83960 84960	118.44 123.49
250 ct	6.8 9.6	83800 84800	83965 84965	124.06 129.37
275 ct	6.1 8.7	83805 84805	83970 84970	130.29 141.15
310 ct	5.4 7.7	83810 84810	83975 84975	142.53 151.95

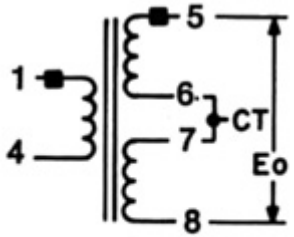
Features

- 400 Hz Aerospace Application.
- Smallest Possible Size.
- Secondary Has Split Winding

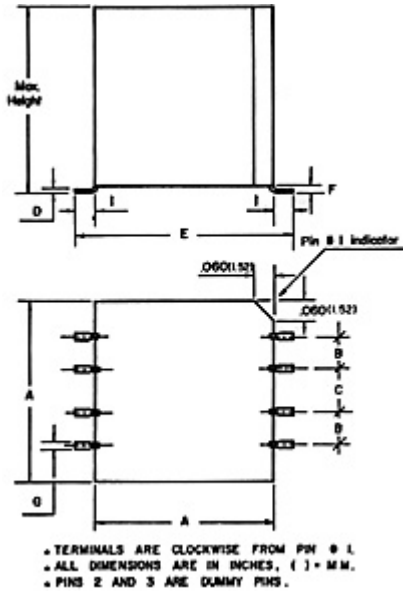
(Secondary can be used at half voltage twice the current.)



PARALLEL CONNECTED
SECONDARY



SERIES CONNECTED
SECONDARY



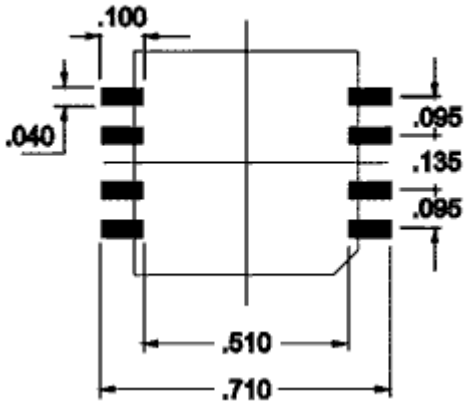
Larger size drawing

Serial Number	Max. Height	A	B	C	D	E	F	G	I
76000	.415 (10.54)	.550 (13.97)	.095 (2.41)	.135 (3.43)	.010 (.25)	.670 (17.02)	.015 (.38)	.020 (.51)	.060 (1.52)
77000	.565 (14.35)	.550 (13.97)	.095 (2.41)	.135 (3.43)	.010 (.25)	.670 (17.02)	.015 (.38)	.020 (.51)	.060 (1.52)
82000	.455 (11.56)	.800 (20.32)	.170 (4.32)	.230 (5.84)	.014 (.35)	1.000 (25.40)	.025 (.63)	.030 (.76)	.100 (2.54)
83000	.605 (15.37)	.800 (20.32)	.170 (4.32)	.230 (5.84)	.014 (.35)	1.000 (25.40)	.025 (.63)	.030 (.76)	.100 (2.54)

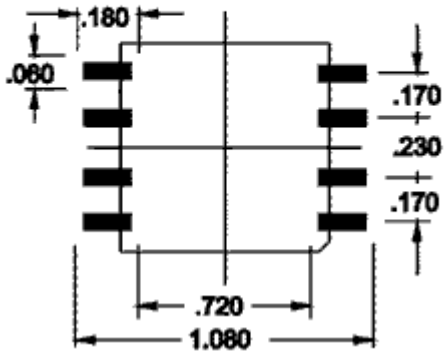
84000	.915 (23.24)	.800 (20.32)	.170 (4.32)	.230 (5.84)	.014 (.35)	1.000 (25.40)	.025 (.63)	.030 (.76)	.100 (2.54)

[Click Here for Thru Hole Version of Ultra Miniature 400 Hz Transformers]

RECOMMENDED LAND PATTERN DIMENSIONS
PICO 76000 & 77000 SERIES



RECOMMENDED LAND PATTERN DIMENSIONS
PICO 82000, 83000 & 84000 SERIES.



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