

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 \pm 20Hz or 26v - 400Hz - \pm 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	76900	76902	68.19
	150	77900	77902	68.19
	204	82650	82815	100.71
	338	83650	83815	89.57
	480	84650	84815	93.41
6.3 ct	59.5	76899	76903	68.19
	119	77899	77903	68.19
	162	82655	82820	100.71
	268	83655	83820	89.57
	381	84655	84820	93.41
8.0 ct	47	76898	76904	68.19
	94	77898	77904	68.19
	128	82660	82825	100.71
	211	83660	83825	89.57
	300	84660	84825	93.41
10 ct	37.5	76897	76905	68.19
	75	77897	77905	68.19
	102	82665	82830	100.71
	169	83665	83830	89.57
	240	84665	84830	93.41

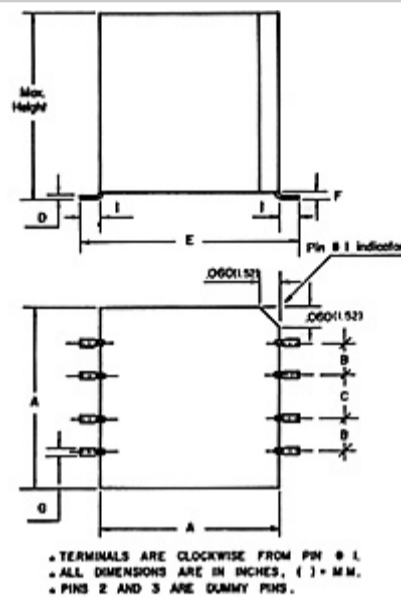
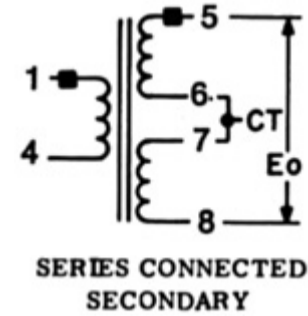
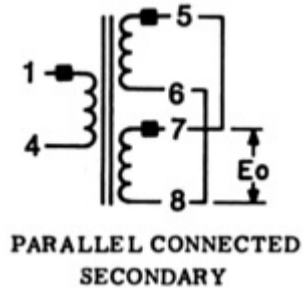
12.8 ct	29 58.6 79.7 132 188	76892 77892 82670 83670 84670	76906 77906 82835 83835 84835	68.19 68.19 100.71 89.57 93.41
14 ct	26.8 53.6 72.9 121 171	76889 77889 82675 83675 84675	76907 77907 82840 83840 84840	68.19 68.19 100.71 89.57 93.41
16 ct	23 47 63.8 106 150	76887 77887 82680 83680 84680	76908 77908 82845 83845 84845	68.19 68.19 100.71 89.57 93.41
18 ct	20.8 41.7 56.7 93.9 133	76886 77886 82685 83685 84685	76909 77909 82850 83850 84850	68.19 68.19 100.71 89.57 93.41
20 ct	18.8 37.5 51 84.5 120	76885 77885 82690 83690 84690	76911 77911 82855 83855 84855	68.19 68.19 100.71 89.57 93.41
22 ct	17 34 46.4 76.8 109	76884 77884 82695 83695 84695	76912 77912 82860 83860 84860	68.19 68.19 100.71 89.57 93.41
24 ct	15.5 31 42.5 70.4 100	76882 77882 82700 83700 84700	76913 77913 82865 83865 84865	68.19 68.19 100.71 89.57 93.41
28 ct	13.4 26.8 36.4 60.4 85.7	76881 77881 82705 83705 84705	76914 77914 82870 83870 84870	68.19 68.19 100.71 89.57 93.41
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	68.19 68.19 100.71 89.57 93.41
36 ct	10.4 20.8 28.3 46.9 66.7	76877 77877 82715 83715 84715	76917 77917 82880 83880 84880	68.19 68.19 100.71 89.57 93.41
39 ct	9.6 19.2 26.2 43.3 61.5	76876 77876 82720 83720 84720	76918 77918 82885 83885 84885	68.19 68.19 100.71 89.57 93.41
43 ct	8.7 17.4 23.7 39.3 55.8	76875 77875 82725 83725 84725	76919 77919 82890 83890 84890	68.19 68.19 100.71 89.57 93.41

48 ct	7.8 15.6 21.1 35.2 50	76874 77874 82730 83730 84730	76920 77920 82895 83895 84895	68.19 68.19 100.71 89.57 93.41
56 ct	6.6 13.2 18.2 30.2 42.9	76872 77872 82735 83735 84735	76921 77921 82900 83900 84900	68.19 68.19 100.71 89.57 93.41
63 ct	6 11.9 16.2 26.9 38.2	76869 77869 82740 83740 84740	76922 77922 82905 83905 84905	68.19 68.19 100.71 89.57 93.41
68 ct	5.5 11 15 24.9 35.3	76867 77867 82745 83745 84745	76923 77923 82910 83910 84910	68.19 68.19 100.71 89.57 93.41
80 ct	4.6 9.4 12.1 21.1 30	76862 77862 82750 83750 84750	76925 77925 82915 83915 84915	68.19 68.19 100.71 89.57 93.41
88 ct	4.2 8.5 11.6 19.2 27.3	76857 77857 82755 83755 84755	76926 77926 82920 83920 84920	68.19 68.19 100.71 89.57 93.41
100 ct	3.7 8.5 10.2 16.9 24	76854 77854 82760 83760 84760	76927 77927 82925 83925 84925	68.19 68.19 100.71 89.57 93.41
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	68.19 68.19 100.71 89.57 93.41
123 ct	8.3 13.7 19.5	82770 83770 84770	82935 83935 84935	100.71 89.57 93.41
138 ct	7.4 12.2 17.4	82775 83775 84775	82940 83940 84940	100.71 89.57 93.41
157 ct	6.5 10.8 15.3	82780 83780 84780	82945 83945 84945	100.71 89.57 93.41
175 ct	5.8 9.6 13.7	82785 83785 84785	82950 83950 84950	100.71 89.57 93.41
200 ct	5.1 8.4 12	82790 83790 84790	82955 83955 84955	100.71 89.57 93.41
220 ct	7.7 10.9	83795 84795	83960 84960	94.13 98.14
250 ct	6.8 9.6	83800 84800	83965 84965	98.59 102.81

275 ct	6.1 8.7	83805 84805	83970 84970	103.55 112.17
310 ct	5.4 7.7	83810 84810	83975 84975	113.27 120.76

Features

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



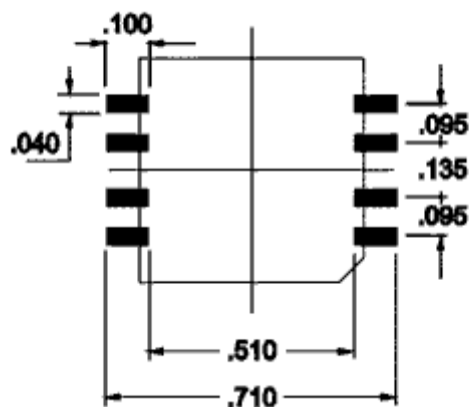
• TERMINALS ARE CLOCKWISE FROM PIN # 1.
• ALL DIMENSIONS ARE IN INCHES, () = MM.
• PINS 2 AND 3 ARE DUMMY PINS.

Larger size drawing [1]

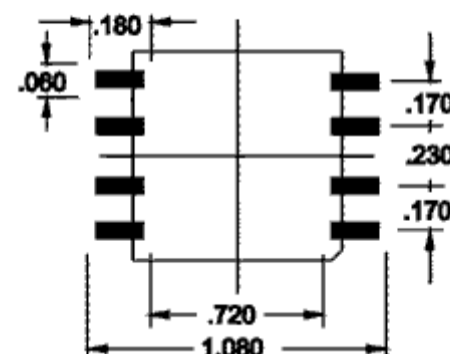
Serial Number	Max. Height	A	B	C	D	E	F	G	I
76000	.415 (10.54)	.550 (13.97)	.095 (2.41)	.135 (3.43)	.010 (.25)	.670 (17.02)	.015 (.38)	.020 (.51)	.060 (1.52)
77000	.565 (14.35)	.550 (13.97)	.095 (2.41)	.135 (3.43)	.010 (.25)	.670 (17.02)	.015 (.38)	.020 (.51)	.060 (1.52)
82000	.455 (11.56)	.800 (20.32)	.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](#) [2]

RECOMMENDED LAND PATTERN DIMENSIONS PICO 76000 & 77000 SERIES



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



*Discount Prices:

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