

**Ultra Miniature Transformers:  
S Series**

Pico Part Number	Prim. Imped. Ohms	Sec. Imped. Ohms Split Windings		Power Watts			Prim. Unbal. DC Curr. ma	Prim. DC Resist. Ohms	Sec. DC Resist. Ohms		Turns Ratio Prim/Sec.		LIST Prices 1-9 *** (US \$)
		SER	PAR	1 KHz and higher	300 Hz and higher	50 Hz and higher			Ser Conn	Par Conn	Sec Ser Conn	Sec Par Conn	
S-21470	15,000ct	15,000ct	3750	.65	.65	.03	.8	1200	1650	413	1:1	2:1	71.29
S-21475	16,000ct	1000ct	250	.62	.62	.03	.8	1280	110	27.5	4:1	8:1	71.29
S-21480	20,000ct	500ct	125	.5	.5	.03	.7	1600	55	13.8	6.32:1	12.65:1	77.05
S-21485	20,000ct	600ct	150	.5	.5	.03	.7	1600	66	16.5	5.77:1	11.55:1	77.05
S-21490	20,000ct	800ct	200	.5	.5	.03	.7	1600	88	22	5:1	10:1	77.05
S-21495	20,000ct	1000ct	250	.5	.5	.03	.7	1600	110	27.5	4.47:1	8.94:1	77.05
S-21500	20,000ct	5000ct	1250	.5	.5	.03	.7	1600	550	138	2:1	4:1	77.05
S-21505	20,000ct	10,000ct	2500	.5	.5	.03	.7	1600	1100	275	1.41:1	2.83:1	77.05
S-21510	*20,000ct	20,000ct	-	.5	.5	.03	.7	1600	2200	-	1:1	-	79.36
S-21515	25,000ct	500ct	125	.4	.4	.03	.6	2000	55	13.8	7.07:1	14.14:1	77.05
S-21520	25,000ct	1000ct	250	.4	.4	.03	.6	2000	110	27.5	5:1	10:1	77.05
S-21525	30,000ct	50ct	12.5	.33	.33	.03	.6	2400	5.5	1.38	24.5:1	49:1	79.36
S-21530	30,000ct	1200ct	300	.33	.33	.03	.6	2400	132	33	5:1	10:1	79.36
S-21532	30,000ct	500ct	125	.33	.33	.03	.6	2400	55	13.8	7.7:1	15.5:1	79.36
S-21534	30,000ct	200ct	50	.33	.33	.03	.6	2400	22	5.5	12.2:1	24.5:1	79.36
S-21535	30,000ct	5000ct	1250	.33	.33	.03	.6	2400	550	137.5	2.45:1	4.9:1	79.36
S-21540	30,000ct	10,000ct	2500	.33	.33	.03	.6	2400	1100	275	1.73:1	3.46:1	79.36
S-21545	*30,000ct	30,000ct	-	.33	.33	.03	.6	2400	3300	-	1:1	-	85.32
S-21550	40,000ct	400ct	100	.25	.25	.03	.5	3200	44	11	10:1	20:1	85.32
S-21555	40,000ct	2000ct	500	.25	.25	.03	.5	3200	220	55	4.47:1	8.94:1	85.32
S-21560	40,000ct	4000ct	1000	.25	.25	.03	.5	3200	440	110	3.16:1	6.32:1	85.32
S-21565	40,000ct	20,000ct	5000	.25	.25	.03	.5	3200	2200	550	1.41:1	2.83:1	85.32
S-21570	*40,000ct	40,000ct	-	.25	.25	.03	.5	3200	4400	-	1:1	-	95.03
S-21575	50,000ct	200ct	50	.2	.2	.03	.4	4000	22	5.5	15.8:1	31.6:1	95.03
S-21577	50,000ct	500ct	125	.2	.2	.03	.4	4000	55	13.8	10:1	20:1	95.03
S-21578	50,000ct	600ct	150	.2	.2	.03	.4	4000	66	16.5	9.13:1	18.26:1	95.03
S-21579	50,000ct	50,000ct	12,500	.2	.2	.03	.4	4000	5500	1380	1:1	2:1	95.03
S-21580	60,000ct	15,000ct	3750	.16	.16	.03	.4	4800	1650	413	2:1	4:1	95.88
S-21585	62,500ct	50ct	12.5	.16	.16	.03	.4	5000	5.5	1.38	35.4:1	70.7:1	95.88
S-21587	80,000ct	15,000ct	3750	.12	.12	.03	.3	6400	1650	413	2.3:1	4.6:1	95.88
S-21590	90,000ct	10,000ct	2500	.11	.11	.03	.3	7200	1100	275	3:1	6:1	107.71
S-21595	95,000ct	15,000ct	3750	.1	.1	.03	.3	7600	1650	413	2.5:1	5:1	107.71
S-21600	100,000ct	60ct	15	.1	.1	.03	.3	8000	6.6	1.65	40.8:1	81.6:1	107.71
S-21605	100,000ct	100ct	25	.1	.1	.03	.3	8000	11	2.75	31.6:1	63.2:1	107.71
S-21610	100,000ct	500ct	125	.1	.1	.03	.3	8000	55	13.8	14.1:1	28.3:1	107.71
S-21613	100,000ct	1000ct	250	.1	.1	.03	.3	8000	110	27.5	10:1	20:1	107.71
S-21614	100,000ct	2000ct	500	.1	.1	.03	.3	8000	220	55	7.07:1	14.14:1	107.71
S-21615	100,000ct	10,000ct	2500	.1	.1	.03	.3	8000	1100	275	3.16:1	6.32:1	107.71
S-21620	135,000ct	82ct	20.5	.07	.07	.03	.2	10,800	9	2.25	40.6:1	81.2:1	112.54

\*Includes electrostatic shield

\*\*Miniaturized telephone coupling application

[For Surface Mount Versions of this series click here \(http://www.picoelectronics.com/node/13233\)](http://www.picoelectronics.com/node/13233)

\*\*\*Discount Prices:

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

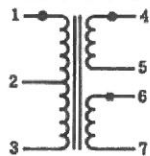
Ordering Instructions:

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

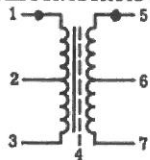
**FEATURES**

- Extreme resistance to thermal shock
- Ultra miniature size
- PICO is approved QPL Source (Mil-PRF-27)
- Magnetic Shields available
- Electrostatic shielding can be added
- Variation of standard designs available
- Primary and secondary windings can be used either as input or output.
- Special production techniques ensure uniform size and leads which are free of encapsulant. No meniscus in lead area.
- Every unit can be made with a 300 thermal cycle guarantee using PICO's special SR construction. Contact factory for details.

**SCHEMATICS FOR TRANSFORMERS  
WITH SPLIT SECONDARIES**



**SCHEMATIC FOR TRANSFORMERS  
WITH ELECTROSTATIC SHIELD**



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

[Go back to Thru Hole Transformers and Inductors menu \(http://www.picoelectronics.com/thru-hole-transformers-inductors\)](http://www.picoelectronics.com/thru-hole-transformers-inductors)

[http://www.webstat.com/free\\_web\\_statistics.php](http://www.webstat.com/free_web_statistics.php)