



F Series Thru Hole	G Series Insul. Leads	SER	PAR	1 KHz and higher	400 Hz and higher	Ser Conn	Par Conn	Sec Ser Conn	Sec Par Conn	F Ser.	G Ser.				
F-28003	G-29003	10ct	10ct	2.5	125	20	11.5	1.1	1.35	.34	1:1	2:1	70.25	66.81	
F-28005	G-29005	20ct	8ct	2	125	20	8	2.1	1.28	.32	1.58:1	3.16:1	70.25	66.81	
F-28010	G-29010	20ct	20ct	5	125	20	8	2.1	2.56	.64	1:1	2:1	70.25	66.81	
F-28015	G-29015	32ct	32ct	8	125	20	6.5	3.52	4.32	1.08	1:1	2:1	70.25	66.81	
F-28020	G-29020	40ct	40ct	10	125	20	5.6	4	4.77	1.19	1:1	2:1	70.25	66.81	

**Ultra Miniature Transformers:  
F Series Thru Hole and G Series Insulated Leads**

Part Number		Prim. Imped. Ohms	Sec. Imped. Ohms Split Windings		Power Milliwatts		Prim. Unbal. DC Curr. ma	Prim. DC Resist. Ohms	Sec. DC Resist. Ohms		Turns Ratio Prim/Sec.		Prices 1-9*** (US \$)	
F Series Thru Hole	G Series Insul. Leads		SER	PAR	1 KHz and higher	400 Hz and higher			Ser Conn	Par Conn	Sec Ser Conn	Sec Par Conn	F Ser.	G Ser.
F-28025	G-29025	48ct	16ct	4	125	20	5.2	4.3	2.3	.58	1.73:1	3.46:1	63.88	60.78
F-28030	G-29030	50ct	50ct	12.5	125	20	5	5.5	6.6	1.65	1:1	2:1	63.88	60.78
F-28035	G-29035	80ct	32ct	8	125	20	4	8.5	4.25	1.06	1.58:1	3.16:1	63.88	60.78
F-28040	G-29040	100ct	40ct	10	125	20	3.6	12.1	4.85	1.21	1.58:1	3.16:1	63.88	60.78
F-28045	G-29045	100ct	100ct	25	125	20	3.6	12.1	12	3	1:1	2:1	69.72	60.78
F-28050	G-29050	120ct	12.8ct	3.2	125	20	3.3	13.2	1.6	.4	3.06:1	6.12:1	69.72	60.78
F-28055	G-29055	120ct	60ct	15	125	20	3.3	13.2	7.3	1.83	1.41:1	2.83:1	76.33	72.49
F-28060	G-29060	120ct	120ct	30	125	20	3.3	13.2	16	4	1:1	2:1	76.33	72.49
F-28065	G-29065	150ct	12ct	3	125	20	3	15	1.56	.39	3.54:1	7.07:1	69.36	66.04
F-28070	G-29070	150ct	50ct	12.5	125	20	3	15	6.6	1.65	1.73:1	3.46:1	76.33	72.49
F-28075	G-29075	150ct	100ct	25	125	20	3	15	14.5	3.63	1.22:1	2.45:1	76.33	72.49
F-28080	G-29080	150ct	150ct	37.5	125	20	3	15	18.3	4.58	1:1	2:1	76.33	72.49
F-28085	G-29085	150ct	600ct	150	125	20	3	15	72	18	1:2	1:1	76.33	72.49
F-28090	G-29090	200ct	200ct	50	125	20	2.5	22	26.8	6.7	1:1	2:1	76.33	72.49
F-28095	G-29095	300ct	12ct	3	125	20	2	33	1.56	.39	5:1	10:1	76.33	72.49
F-28100	G-29100	300ct	50ct	12.5	125	20	2	33	6.6	1.65	2.45:1	4.9:1	76.33	72.49
F-28105	G-29105	300ct	150ct	37.5	125	20	2	33	18.3	4.58	1.41:1	2.83:1	76.33	72.49
F-28110	G-29110	300ct	300ct	75	125	20	2	33	40.3	10.08	1:1	2:1	76.32	72.49
F-28115	G-29115	300ct	600ct	150	125	20	2	33	72	18	1:1.41	1.41:1	81.87	66.04
F-28120	G-29120	320ct	12.8ct	3.2	125	20	2	34	1.6	0.4	5:1	10:1	81.87	77.73
F-28125	G-29125	400ct	40ct	10	125	20	1.8	49	4.7	1.18	3.16:1	6.32:1	81.87	77.73
F-28130	G-29130	400ct	120ct	30	125	20	1.8	49	16.3	4.08	1.83:1	3.65:1	81.87	77.73
F-28135	G-29135	400ct	200ct	50	125	20	1.8	49	27.3	6.83	1.41:1	2.83:1	81.87	77.73
F-28140	G-29140	400ct	400ct	100	125	20	1.8	49	49	12.25	1:1	2:1	74.40	70.82
F-28145	G-29145	400ct	1000ct	250	125	20	1.8	49	120	30	1:1.58	1.26:1	81.87	77.73
F-28150	G-29150	400ct	2000ct	500	125	20	1.8	49	270	67.5	1:2.24	1:1.12	81.87	77.73
F-28155	G-29155	400ct	4000ct	1000	125	20	1.8	49	476	119	1:3.16	1:1.58	81.87	77.73
F-28160	G-29160	500ct	12.8ct	3.2	125	20	1.6	54	1.6	0.4	6.25:1	12.5:1	74.40	70.82
F-28165	G-29165	500ct	16ct	4	125	20	1.6	54	2.3	0.58	5.6:1	11.2:1	74.40	70.82
F-28170	G-29170	500ct	50ct	12.5	125	20	1.6	54	6.6	1.65	3.16:1	6.32:1	74.40	70.82
F-28175	G-29175	500ct	150ct	37.5	125	20	1.6	54	18.3	4.58	1.83:1	3.65:1	74.40	70.82
F-28180	G-29180	500ct	500ct	125	125	20	1.6	54	65	16.3	1:1	2:1	81.87	77.73
F-28185	G-29185	*500ct	500ct	-	125	20	1.6	54	65	-	1:1	-	81.87	77.73
F-28190	G-29190	500ct	600ct	150	125	20	1.6	54	72	18	1:1.1	1.83:1	81.87	77.73
F-28195	G-29195	600ct	12.8ct	3.2	125	20	1.5	59	1.6	0.4	6.85:1	13.7:1	81.87	77.73
F-28200	G-29200	600ct	30ct	7.5	125	20	1.5	59	4.1	1.03	4.47:1	8.94:1	74.40	70.82
F-28205	G-29205	600ct	48ct	12	125	20	1.5	59	5.2	1.3	3.54:1	7.07:1	74.40	70.82
F-28210	G-29210	600ct	200ct	50	125	20	1.5	59	26.5	6.63	1.73:1	3.46:1	74.40	70.82
F-28215	G-29215	600ct	600ct	150	125	20	1.5	59	72	18	1:1	2:1	74.40	70.82
F-28220	G-29220	*600ct	600ct	-	125	20	1.5	59	72	-	1:1	-	81.87	77.73
F-28225	G-29225	600ct	1200ct	300	125	20	1.5	59	160	40	1:1.41	1.41:1	74.40	70.82
F-28230	G-29230	640ct	12.8ct	3.2	125	20	1.5	62	1.6	0.4	7.07:1	14.14:1	74.40	70.82
F-28235	G-29235	700ct	100ct	25	125	20	1.35	65	12	3	2.65:1	5.29:1	74.40	70.82
F-28240	G-29240	800ct	12.8ct	3.2	125	20	1.3	88	16	4	7.9:1	15.8:1	81.87	77.73
F-28245	G-29245	800ct	48ct	12	125	20	1.3	88	6.7	1.68	4.08:1	8.16:1	76.33	70.82

F-28250	G-29250	800ct	800ct	200	125	20	1.3	88	106	26.5	1:1	2:1	76.33	70.82
F-28255	G-29255	900ct	600ct	150	125	20	1.2	93	74	18.5	1.22:1	2.45:1	76.33	70.82
F-28260	G-29260	1000ct	12ct	3	125	20	1.2	120	1.55	0.39	9.13:1	18.3:1	84.04	79.77
F-28265	G-29265	1000ct	50ct	12.5	125	20	1.2	120	6.6	1.65	4.47:1	8.94:1	84.04	79.77
F-28270	G-29270	1000ct	1000ct	250	125	20	1.2	120	120	30	1:1	2:1	76.33	70.82

**Ultra Miniature Transformers:  
F Series Thru Hole and G Series Insulated Leads**

Part Number		Prim. Imped. Ohms	Sec. Imped. Ohms Split Windings		Power Milliwatts		Prim. Unbal. DC Curr. ma	Prim. DC Resist. Ohms	Sec. DC Resist. Ohms		Turns Ratio Prim/Sec.		Prices 1-g*** (US \$)	
F Series Thru Hole	G Series Insul. Leads		SER	PAR	1 KHz and higher	400 Hz and higher			Ser Conn	Par Conn	Sec Ser Conn	Sec Par Conn	F Ser.	G Ser.
F-28275	G-29275	1060ct	12.8ct	3.2	125	20	1.2	125	1.6	0.4	9.1:1	18.2:1	84.04	79.77
F-28280	G-29280	1200ct	12.8ct	3.2	125	20	1	133	1.6	0.4	9.68:1	19.4:1	84.04	79.77
F-28285	G-29285	1200ct	500ct	125	125	20	1	133	65	16.25	1.55:1	3.1:1	84.04	79.77
F-28290	G-29290	1200ct	1200ct	300	125	20	1	133	160	40	1:1	2:1	84.04	79.77
F-28295	G-29295	*1200ct	1200ct	-	125	20	1	133	160	-	1:1	-	84.04	79.77
F-28300	G-29300	1500ct	12ct	3	125	20	1	180	1.55	0.39	11.2:1	22.4:1	84.04	79.77
F-28305	G-29305	1500ct	500ct	125	125	20	1	180	65	16.31	1.73:1	3.46:1	76.33	70.82
F-28310	G-29310	*1500ct	600ct	-	125	20	1	180	73	-	1.58:1	-	76.32	70.82
F-28315	G-29315	*1500ct	1500ct	-	125	20	1	180	215	-	1:1	-	84.04	79.77
F-28320	G-29320	1600ct	12.8ct	3.2	125	20	1	190	1.6	0.4	11.2:1	22.4:1	84.04	79.77
F-28325	G-29325	2000ct	8ct	2	125	20	0.8	218	1	0.25	15.8:1	31.6:1	84.04	79.77
F-28330	G-29330	2000ct	2000ct	500	125	20	0.8	218	260	65	1:1	2:1	84.04	79.77
F-28335	G-29335	*2000ct	2000ct	-	125	20	0.8	218	260	-	1:1	-	84.04	79.77
F-28340	G-29340	2000ct	8000ct	2000	125	20	0.8	218	830	207.5	1:2	1:1	81.87	77.93
F-28345	G-29345	2500ct	2500ct	625	125	20	0.75	280	280	70	1:1	2:1	81.87	77.93
F-28350	G-29350	3000ct	3000ct	725	125	20	0.65	330	330	82.5	1:1	2:1	81.87	77.93
F-28355	G-29355	*3000ct	3000ct	-	125	20	0.65	330	330	-	1:1	-	84.04	79.77
F-28360	G-29360	3600ct	3600ct	900	125	20	0.6	370	450	112.5	1:1	2:1	81.87	77.93
F-28365	G-29365	4000ct	16ct	4	125	20	0.57	400	2.3	0.58	15.8:1	31.6:1	81.87	77.93
F-28370	G-29370	4000ct	600ct	150	125	20	0.57	400	73	18.25	2.58:1	5.16:1	81.87	77.93
F-28375	G-29375	4000ct	1000ct	250	125	20	0.57	400	120	30	2:1	4:1	81.87	77.93
F-28380	G-29380	*4000ct	8000ct	-	125	20	0.57	400	1070	-	1:1.41	-	90.08	85.56
F-28385	G-29385	5000ct	500ct	125	125	20	0.5	540	65	16.25	3.16:1	6.32:1	81.87	77.93
F-28390	G-29390	5000ct	5000ct	1250	125	20	0.5	540	650	162.5	1:1	2:1	90.08	85.56
F-28395	G-29395	7500ct	50ct	12.5	125	20	0.5	835	6.6	1.65	12.2:1	24.5:1	90.08	85.56
F-28400	G-29400	7500ct	100ct	25	125	20	0.4	835	12	3	8.66:1	17.3:1	83.80	79.77
F-28405	G-29405	7500ct	600ct	150	125	20	0.4	835	72	18	3.54:1	7.07:1	83.80	79.77
F-28410	G-29410	7500ct	2500ct	625	125	20	0.4	835	280	70	1.73:1	3.46:1	83.80	79.77
F-28415	G-29415	*7500ct	7500ct	-	125	20	0.4	835	1020	-	1:1	-	83.80	79.77
F-28420	G-29420	8000ct	12.8ct	3.2	125	20	0.4	865	1.6	0.4	25:1	50:1	90.08	85.56
F-28425	G-29425	8000ct	1000ct	250	125	20	0.4	865	120	30	2.83:1	5.66:1	90.08	85.56
F-28430	G-29430	*8000ct	1200ct	-	125	20	0.4	865	160	-	2.58:1	-	90.08	85.56
F-28435	G-29435	*9000ct	9000ct	-	125	20	0.4	1160	1160	-	1:1	-	90.08	85.56
F-28440	G-29440	10,000ct	12.8ct	3.2	125	20	0.36	1200	1.6	0.4	28:1	56:1	90.08	85.56
F-28445	G-29445	10,000ct	16ct	4	125	20	0.36	1200	1.77	0.44	25:1	50:1	83.80	79.77
F-28450	G-29450	10,000ct	100ct	25	125	20	0.36	1200	12	3	10:1	20:1	83.80	79.77
F-28455	G-29455	10,000ct	200ct	50	125	20	0.36	1200	27	6.75	7.07:1	14.14:1	83.80	79.77
F-28460	G-29460	10,000ct	500ct	125	125	20	0.36	1200	65	16.25	4.47:1	8.94:1	83.80	79.77
F-28465	G-29465	10,000ct	600ct	150	125	20	0.36	1200	72	18	4.08:1	8.16:1	83.80	79.77
F-28470	G-29470	10,000ct	1000ct	250	125	20	0.36	1200	120	30	3.16:1	6.32:1	83.80	79.77
F-28475	G-29475	10,000ct	1200ct	300	125	20	0.36	1200	160	40	2.88:1	5.77:1	83.80	79.77
F-28480	G-29480	10,000ct	1500ct	375	125	20	0.36	1200	215	53.8	2.58:1	5.16:1	90.07	85.56
F-28485	G-29485	10,000ct	2000ct	500	125	20	0.36	1200	260	65	2.24:1	4.47:1	83.80	79.77
F-28490	G-29490	10,000ct	5000ct	1250	125	20	0.36	1200	650	162.5	1.41:1	2.83:1	83.80	79.77
F-28495	G-29495	10,000ct	7500ct	1875	125	20	0.36	1200	1020	255	1.15:1	2.3:1	83.80	79.77
F-28500	G-29500	10,000ct	10,000ct	2500	125	20	0.36	1200	1200	300	1:1	2:1	76.33	70.81
F-28505	G-29505	*10,000ct	10,000ct	-	125	20	0.36	1200	1440	-	1:1	-	90.08	85.56
F-28510	G-29510	15,000ct	400ct	100	100	15	0.35	1420	43	10.75	6.12:1	12.24:1	83.80	79.77
F-28515	G-29515	15,000ct	500ct	125	100	15	0.35	1420	49	12.25	5.48:1	10.95:1	83.80	79.77

**Ultra Miniature Transformers:  
F Series Thru Hole and G Series Insulated Leads**

Part Number		Prim. Imped. Ohms	Sec. Imped. Ohms Split Windings		Power Miliwatts		Prim. Unbal. DC Curr. ma	Prim. DC Resist. Ohms	Sec. DC Resist. Ohms	Turns Ratio Prim/Sec.		Prices 1-9*** (US \$)		
F Series Thru Hole	G Series Insul. Leads		SER	PAR	1 KHz and higher	400 Hz and higher			Ser Conn	Par Conn	Sec Ser Conn	Sec Par Conn	F Ser.	G Ser.
F-28520	G-29520	15,000ct	600ct	150	100	15	0.35	1420	68	17	5:1	10:1	83.80	79.77
F-28525	G-29525	15,000ct	10,000ct	2500	100	15	0.35	1420	1100	275	1.22:1	2.45:1	83.80	79.77
F-28530	G-29530	*15,000ct	15,000ct	-	100	15	0.35	1420	1730	-	1:1	-	90.08	85.56
F-28535	G-29535	15,000ct	15,000ct	3750	100	15	0.35	1420	1730	433	1:1	2:1	83.80	79.77
F-28540	G-29540	16,000ct	1000ct	250	100	15	0.35	1500	115	28.75	4:1	8:1	83.80	79.77
F-28545	G-29545	20,000ct	500ct	125	100	15	0.3	1600	60	15	6.33:1	12.65:1	90.08	85.56
F-28550	G-29550	20,000ct	600ct	150	100	15	0.3	1600	66	16.5	5.77:1	11.55:1	90.08	85.56
F-28555	G-29555	20,000ct	800ct	200	100	15	0.3	1600	94	23.5	5:1	10:1	90.08	85.56
F-28560	G-29560	20,000ct	1000ct	250	100	15	0.3	1600	106	26.5	4.47:1	8.94:1	90.08	85.56
F-28565	G-29565	20,000ct	5000ct	1250	100	15	0.3	1600	600	150	2:1	4:1	90.08	85.56
F-28570	G-29570	20,000ct	10,000ct	2500	100	15	0.3	1600	1100	275	1.41:1	2.83:1	90.08	85.56
F-SHIELD: MU-METAL SHIELD .285" d x .268" h (7.24 mm d x 6.73 mm h) SINGLE SHIELD													8.89	
FYY-SHIELD: MU-METAL SHIELD .315" d x .275" h (8.0 mm d x 6.99 mm h) USE WITH F-SHIELD FOR DOUBLE SHIELDING													8.89	
G-SHIELD: MU-METAL SHIELD .285" d x .335" h (7.24 mm d x 8.51 mm h) SINGLE SHIELD														8.89
GYY-SHIELD: MU-METAL SHIELD .315" d x .40" h (8.0 mm d x 10.16 mm h) USE WITH G-SHIELD FOR DOUBLE SHIELDING														8.89
GXX-SHIELD: MU-METAL SHIELD .35" d x .465" h (8.89 mm d x 11.81 mm h) USE WITH G-SHIELD AND GYY SHIELD FOR TRIPLE SHIELDING														8.89

[Click Here for Surface Mount Version of These Series<sub>\[3\]</sub>](#)

\*Includes Electrostatic Shield

\*\*Discount Prices:

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

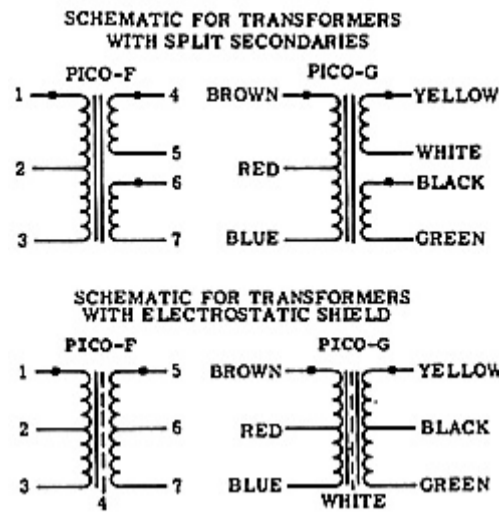
Ordering Instructions:

- No minimum.
- Net 30 days F.O.B. Pelham, NY

**Delivery--stock to one week for sample orders.**

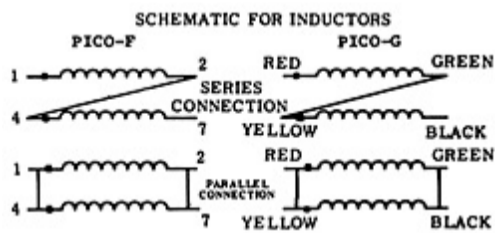
**FEATURES**

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



## INDUCTORS

PART NUMBERS		INDUCTANCE HENRIES	DC CURRENT ma	DC RESISTANCE OHMS	PRICE 1-
F-SERIES	G-SERIES				F-SERIES
F-5825	G-6125	SERIES: 10.0 2.75  PARALLEL: 2.5 .65	0 2  0 4	2250   560	69.36
F-5830	G-6130	SERIES 5.5 1.5  PARALLEL 1.3 .40	0 2  0 4	1000   250	69.36
F-5835	G-6135	SERIES .85 .25  PARALLEL .21 .06	1 6  2 12	240   60	69.36
F-5840	G-6140	SERIES .60 .15  PARALLEL .15 .04	0 5  0 10	144   36	69.36



**Inductors:** All inductors have split windings and measurements are listed for both series and parallel connections. Two values of inductance, each at a particular value of DC Current, are listed for each inductor.

**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

[Go back to Thru Hole Transformers and Inductors menu<sup>\[4\]</sup>](#)

---