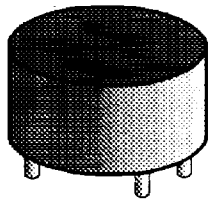


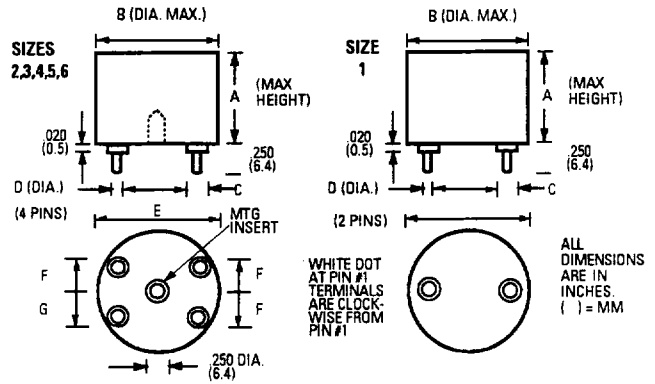
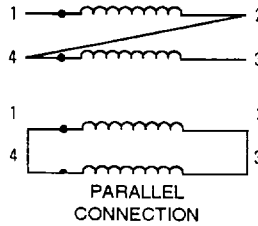


POWER INDUCTOR

PI SERIES



TERMINAL ARRANGEMENT
SERIES CONNECTION



- Switchmode And Power Filtering Applications
- Smallest Size Possible
- MIL-T-27 (TF5S04ZZ)
- Dual Windings
- Operating Temperature -55°C to $+130^{\circ}\text{C}$
- High Frequency Core Material With Low Losses
- Magnetically Shielded Construction

Size	A Max. Height	B Max. Dia.	C	D Terminal Dia.	E	F	G	Mtg. Insert	WT Nominal Grams
1	.45" (11.4)	.75 (19.1)	.1 (2.54)	.07 (1.78)	.5" (12.7)	-	-	-	7
2	.56 (14.2)	.96 (24)	.1 (2.54)	.07 (1.78)	.6 (15.2)	.2 (5.1)	.1 (2.5)	4-40 UNC 5 Threads Deep	23
3	.635 (16.1)	1.215 (30.9)	.1 (2.54)	.07 (1.78)	.8 (20.3)	.25 (6.4)	.15 (3.8)	4-40 UNC 5 Threads Deep	44
4	.72 (18.3)	1.33 (33.8)	.125 (3.2)	.094 (2.4)	.9 (22.9)	.25 (6.4)	.15 (3.8)	6-32 UNC 6 Threads min.	60
5	.76 (19.3)	1.5 (38.1)	.125 (3.2)	.094 (2.4)	1.1 (27.9)	.3 (7.6)	.2 (5.1)	6-32 UNC 6 Threads min.	80
6	1.1 (27.9)	2.150 (54.6)	.15 (3.8)	.125 (3.2)	1.7 (43.2)	.4 (10.2)	.3 (7.6)	6-32 UNC 6 Threads min.	170

SIZE 1

Part No.	LODC Microhy (μH)	IDC for 10% Drop in L AMPS	IDC for 20% Drop in L AMPS	IDC for 30% Drop in L AMPS	RDC OHMS	SRF MHz
PI101	25	3.53	4.80	5.94	.012	4.0
PI102	50	2.5	3.4	4.2	.024	3.0
PI103	75	2.04	2.78	3.43	.036	2.4
PI104	100	1.77	2.4	2.99	.048	2.0
PI105	250	1.12	1.52	1.88	.12	1.3
PI106	750	.65	.88	1.08	.36	.75
PI107	1000	.56	.76	.94	.48	.65
PI108	1500	.46	.62	.77	.72	.55
PI109	2500	.35	.48	.59	1.2	.4
PI110	5000	.25	.34	.42	2.4	.3

SIZE 3

Part No.	LODC Microhy (μH)	IDC for 10% Drop in L AMPS	IDC for 20% Drop in L AMPS	IDC for 30% Drop in L AMPS	RDC OHMS	SRF MHz
PI301	228	3.5	5.2	6.8	.070	1.1
PI302	323	2.7	4.0	5.0	.105	0.9
PI303	460	2.5	3.7	4.8	.15	0.8
PI304	787	1.9	2.8	3.7	.26	0.6
PI305	1050	1.6	2.4	3.2	.34	0.5
PI306	1310	1.5	2.2	2.8	.43	0.45
PI307	1600	1.3	2.0	2.6	.52	0.4
PI308	1840	1.2	1.8	2.4	.60	0.38
PI309	2100	1.1	1.7	2.2	.70	0.33

SIZE 5

Part No.	LODC Microhy (μH)	IDC for 10% Drop in L AMPS	IDC for 20% Drop in L AMPS	IDC for 30% Drop in L AMPS	RDC OHMS	SRF MHz
PI501	150	6.35	9.23	11.5	.027	1.4
PI502	250	4.9	7.15	9	.045	1.2
PI503	500	8.5	5	6.32	.09	.8
PI504	750	2.8	4.13	5.16	.135	.65
PI505	1000	2.5	3.6	4.5	.18	.55
PI506	2500	1.55	2.26	2.8	.45	.35
PI507	5000	1.1	1.6	2	.9	.25

SIZE 2

Part No.	LODC Microhy (μH)	IDC for 10% Drop in L AMPS	IDC for 20% Drop in L AMPS	IDC for 30% Drop in L AMPS	RDC OHMS	SRF MHz
PI201	130	3.0	4.5	5.5	.060	1.7
PI202	210	2.5	3.5	4.5	.11	1.4
PI203	260	2.2	3.2	3.9	.14	1.25
PI204	315	2.0	2.9	3.5	.17	1.14
PI205	525	1.6	2.2	2.7	.28	0.9
PI206	790	1.2	1.8	2.2	.42	0.7
PI207	1050	1	1.6	1.9	.56	0.6
PI208	1300	.95	1.4	1.7	.7	0.4

SIZE 4

Part No.	LODC Microhy (μH)	IDC for 10% Drop in L AMPS	IDC for 20% Drop in L AMPS	IDC for 30% Drop in L AMPS	RDC OHMS	SRF MHz
PI401	165	5.0	7.0	9.5	.040	1.4
PI402	191	4.7	7.0	8.8	.050	1.3
PI403	262	4.0	5.6	7.5	.07	1.1
PI404	390	3.3	4.6	6.2	.10	0.9
PI405	525	2.8	4.0	5.3	.14	0.8
PI406	790	2.3	3.2	4.3	.20	0.6
PI407	1050	2.0	2.8	3.8	.27	0.55
PI408	1310	1.8	2.5	3.4	.34	0.5
PI409	1580	1.6	2.3	3.0	.41	0.45
PI410	1838	1.5	2.1	2.8	.48	0.4

SIZE 6

Part No.	LODC Microhy (μH)	IDC for 10% Drop in L AMPS	IDC for 20% Drop in L AMPS	IDC for 30% Drop in L AMPS	RDC OHMS	SRF MHz
PI601	1500	2.6	4.5	6.0	.13	.4
PI602	2000	2.25	3.9	5.2	.17	.35
PI603	3000	1.85	3.2	4.25	.26	.3
PI604	4000	1.6	2.8	3.7	.35	.25
PI605	5000	1.45	2.5	3.3	.45	.2
PI606	7500	1.15	2.0	2.7	.65	.18
PI607	10000	1.0	1.75	2.35	.85	.15