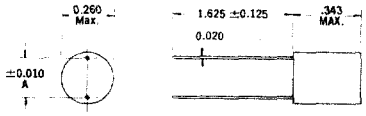
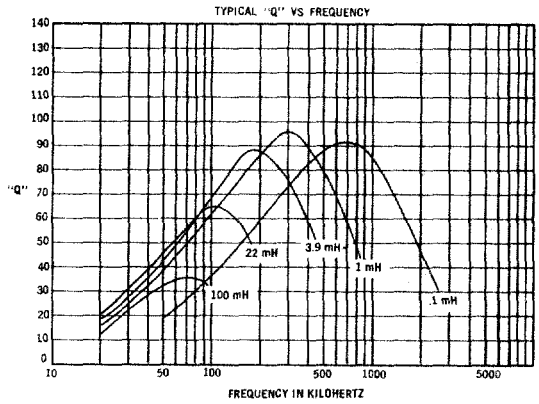
MINI-L ENCAPSULATED INDUCTORS
TE/TJ SERIES



Series	A	WT.
TE	.200	.03 oz.
TJ	.100	.03 oz.

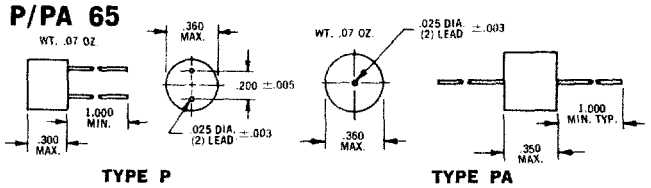
Recommended Frequency Range: 25 KHz to 2.5 MHz.
Inductance Tolerances: ±10% @ 1 KHz.
Maximum Power Dissipation: .33 watt.
Leads: 1.625 ±.125 AWG #24 tinned copper leads. Add suffix "D" to Part Number for Weldable Gold Plated Dumet leads.
Method of Measurement: Inductance at 1 KHz measured on General Radio inductance bridge Type 1632A with leads connected directly to bridge. "Q" at test frequency, measured on HP4342A "Q" meter with leads connected directly to meter terminals.
MIL-C-15305, Grade 1, Class B.



Part Number		Inductance Ref. @ 1 KHz (mH)	Minimum "Q"	"Q" Test Frequency (KHz)	Minimum SRF (MHz)	Maximum DCR* (ohms)	DC Current (mA)
TJ-1	TE-1	0.10	80	790	4.5	1.8	450
TJ-2	TE-2	0.12	80	790	3.9	2.1	425
TJ-3	TE-3	0.15	75	790	3.6	2.3	400
TJ-4	TE-4	0.18	75	790	3.3	2.7	380
TJ-5	TE-5	0.22	75	790	3.0	2.9	360
TJ-6	TE-6	0.27	75	790	2.7	3.2	320
TJ-7	TE-7	0.33	70	790	2.5	3.6	300
TJ-8	TE-8	0.39	70	790	2.3	4.0	275
TJ-9	TE-9	0.47	65	790	2.1	4.4	265
TJ-10	TE-10	0.56	60	790	2.0	4.7	250
TJ-11	TE-11	0.68	55	790	1.8	5.4	240
TJ-12	TE-12	0.82	50	790	1.6	5.8	225
TJ-13	TE-13	1.00	80	250	1.5	8.7	190
TJ-14	TE-14	1.20	75	250	1.4	9.5	180
TJ-15	TE-15	1.50	75	250	1.2	11.6	160
TJ-16	TE-16	1.80	75	250	1.1	15.8	140
TJ-17	TE-17	2.20	75	250	0.95	17.3	130
TJ-18	TE-18	2.70	70	250	0.87	18.9	125
TJ-19	TE-19	3.30	70	250	0.80	25.2	110
TJ-20	TE-20	3.90	70	250	0.75	27.2	105
TJ-21	TE-21	4.70	65	250	0.70	31.5	100
TJ-22	TE-22	5.60	65	250	0.60	42.0	85
TJ-23	TE-23	6.80	60	250	0.55	52.5	75
TJ-24	TE-24	8.20	55	250	0.50	63.0	65
TJ-25	TE-25	10.0	45	250	0.45	89.2	55
TJ-26	TE-26	12.0	40	79	0.40	105.0	50
TJ-27	TE-27	15.0	40	79	0.35	121.0	45
TJ-28	TE-28	18.0	40	79	0.33	136.0	40
TJ-29	TE-29	22.0	40	79	0.30	147.0	35
TJ-30	TE-30	27.0	40	79	0.26	241.0	30
TJ-31	TE-31	33.0	35	79	0.24	325.0	28
TJ-32	TE-32	39.0	35	79	0.22	367.0	25
TJ-33	TE-33	47.0	35	79	0.20	420.0	23
TJ-34	TE-34	56.0	30	79	0.18	483.0	20
TJ-35	TE-35	68.0	25	79	0.16	630.0	18
TJ-36	TE-36	82.0	20	79	0.14	893.0	16
TJ-37	TE-37	100.0	20	79	0.12	1100	15
TJ-38	TE-38	120.0	10	50	0.10	1200	14
TJ-39	TE-39	150.0	10	50	0.095	1360	13
TJ-40	TE-40	180.0	10	40	0.080	1520	11
TJ-41	TE-41	220.0	10	40	0.070	1890	10

* See page 4 for explanation of variations in DC resistance.

P/PA 65

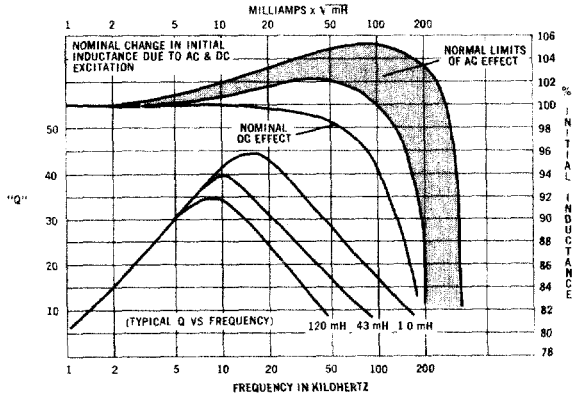


Frequency Range: 1 to 50 KHz **MIL-T-27 Grade 5, Class S.**

WHEN ORDERING, ADD CASE PREFIX (TYPE) TO PART NUMBER.

EXAMPLE: **PA65 — XX**

CASE TYPE — PART NUMBER



CORE NO. 65

Inductance ±2% (mH)	Part Number	Typical DCR* (ohms)	Typical Distributed Capacity (pf)
1.00	65-1	.934	12
1.25	65-2	1.310	12
1.50	65-3	1.430	12
1.75	65-4	1.550	14
2.00	65-5	2.020	14
2.40	65-6	2.200	14
2.50	65-7	2.250	14
3.00	65-8	3.010	16
3.60	65-9	3.300	16
4.30	65-10	3.600	16
5.00	65-11	4.260	18
6.00	65-12	4.680	18
7.20	65-13	5.120	18
7.50	65-14	7.000	20
8.00	65-15	7.700	22
8.60	65-16	8.000	22
10.00	65-17	10.300	24
12.00	65-18	11.300	24
12.50	65-19	11.600	24
15.00	65-20	16.500	26
17.50	65-21	17.800	26
20.00	65-22	19.000	28
24.00	65-23	28.500	28
25.00	65-24	29.100	30
30.00	65-25	31.900	30
36.00	65-26	34.900	32
43.00	65-27	42.100	32
50.00	65-28	48.000	34
60.00	65-29	52.600	34
72.00	65-30	61.500	36
75.00	65-31	78.700	36
86.00	65-32	84.200	36
100.00	65-33	90.800	38
120.00	65-34	115.000	40

* See page 4 for explanation of variations in DC resistance.