

D Series

Piconics D Series is designated for use in microcircuits where dense packaging and high reliability are essential. A special lead anchorage is used for inductance values using fine wire for higher reliability.

FEATURES:

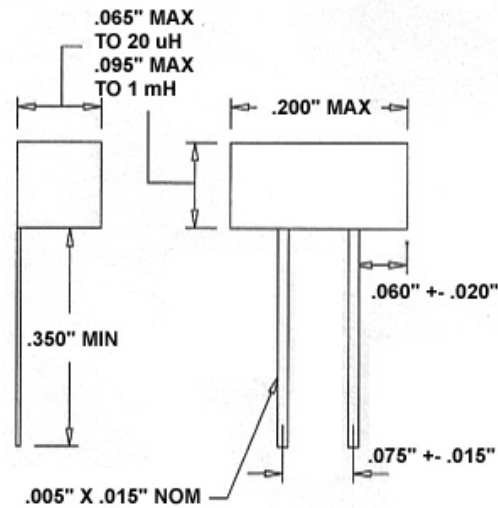
- High Packing Density
- Molded Case, Welded Leads

ABSOLUTE MAXIMUM RATINGS:

- Operating/Storage temperature: -55° C to +125° C
- Temperature rise (at 90° C): +35° C

PHYSICAL CHARACTERISTICS:

- Leads: Silver Plated Copper or Gold Ribbon.
- Case: Epoxy Molded.



Part number	L μ H +/- 10%	Q Min	Test Freq Mhz	SRF min MHZ	DCR Max Ohms	Idc Max mA
D100K8I	.01	35	200	1200	.03	250
D200K8I	.02	35	200	1000	.04	250
D560K8I	.056	35	100	800	.15	250
D101K8I	.10	32	25	750	.22	250
D121K8I	.12	32	25	700	.30	250
D151K8I	.15	32	25	650	.35	250
D181K8I	.18	32	25	600	.45	250
D221K8I	.22	32	25	570	.60	250
D271K8I	.27	32	25	500	.65	250
D331K8I	.33	32	25	400	.75	250
D391K8I	.39	32	25	380	.90	250
D471K8I	.47	32	25	350	1.2	250
D561K8I	.56	32	25	325	1.5	250
D681K8I	.68	32	25	300	1.9	250
D761K8I	.76	32	25	280	2.1	240
D821K8I	.82	32	25	250	2.2	230
D102K6I	1.0	30	7.9	220	2.7	210
D122K6I	1.2	30	7.9	175	2.7	200
D152K6I	1.5	30	7.9	135	2.9	190
D182K6I	1.8	30	7.9	120	3.0	185
D222K6I	2.2	30	7.9	95	3.8	180
D272K6I	2.7	30	7.9	85	4.0	175
D332K6I	3.3	30	7.9	70	4.0	170
D392K6I	3.9	30	7.9	60	4.2	165
D472K6I	4.7	30	7.9	50	4.2	165
D562K6I	5.6	30	7.9	40	4.2	165

Part number	L μ H +/- 10%	Q Min	Test Freq Mhz	SRF min MHZ	DCR Max Ohms	Idc Max mA
D682K6I	6.8	30	7.9	30	4.2	150
D822K6I	8.2	30	7.9	22	4.2	120
D103K3F	10	28	2.5	20	4.7	105
D123K3F	12	28	2.5	15	5.0	91
D153K3F	15	28	2.5	13	5.0	87
D183K3F	18	28	2.5	12	5.0	81
D223K3F	22	28	2.5	10	5.0	77
D273K3F	27	28	2.5	9	6.0	73
D333K3F	33	28	2.5	9	6.0	69
D473K3F	47	28	2.5	6	6.3	63
D563K3F	56	28	2.5	6	6.3	60
D683K3F	68	28	2.5	6	7.0	57
D823K3F	82	28	2.5	5.5	7.5	55
D104K3F	100	24	.79	4.0	12	50
D124K3F	120	24	.79	4.0	14	40
D154K3F	150	24	.79	3.9	16	36
D184K3F	180	24	.79	3.5	18	33
D224K3F	220	24	.79	3.2	21	28
D274K3F	270	24	.79	3.1	23	25
D334K3F	330	24	.79	2.8	37	20
D394K3F	390	24	.79	2.5	39	17
D474K3F	470	24	.79	2.3	45	15
D564K1F	560	24	.79	2.2	47	13
D684K1F	680	24	.79	2.1	62	12
D824K1F	820	24	.79	2.1	80	11
D105K1F	1000	20	.25	1.1	96	10