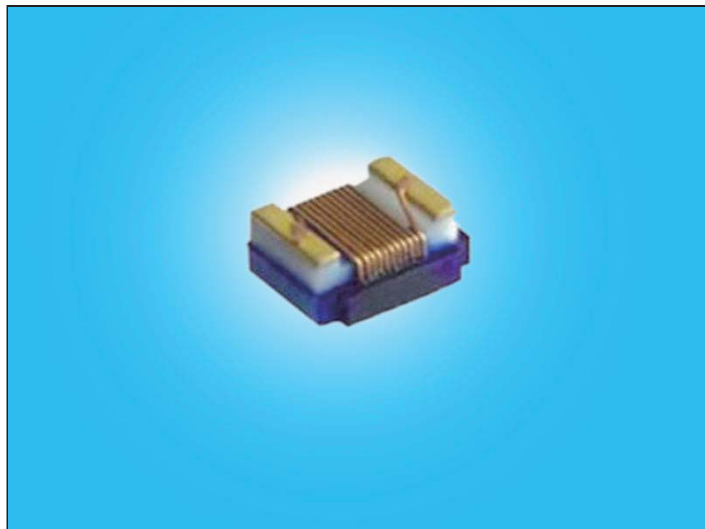


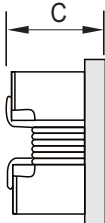
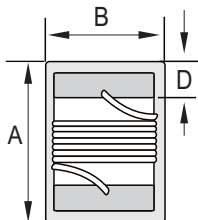
Wire Wound Ceramic Chip Inductor



Features and Applications

- Excellent solderability and resistance to soldering heat.
- Suitable for flow and reflow soldering.
- Standard dimensions, high reliability, and easy surface mount assembly.
- Mobile phones, Portable/Cordless phones, etc.
- Operating temperature range: -40℃ ~ +85℃.

Dimensions (Unit:mm)



Type	A(Max)	B(Max)	C(Max)	D(Max)
EWI1608	1.80	1.12	0.95	0.35
EWI2012	2.29	1.73	1.52	0.40
EWI2520	2.92	2.80	2.23	0.50
EWI3225	3.50	2.90	2.25	0.50
EWI4532	4.80	3.40	3.15	0.50

Electrical Specifications-EWI1608

P/N	L (μ H)	Mini Quality Factor (Q)	L,Q Test Freq. (MHz)	SRF(Min) (MHz)	DCR(Max) (Ω)	IDC(Max) (mA)
EWI1608-R10□	0.1	12	7.9	1150	0.13	1000
EWI1608-R18□	0.18	12	7.9	950	0.2	1000
EWI1608-R22□	0.22	12	7.9	775	0.3	700
EWI1608-R27□	0.27	12	7.9	775	0.3	600
EWI1608-R33□	0.33	12	7.9	725	0.32	500
EWI1608-R39□	0.39	12	7.9	620	0.51	420
EWI1608-R47□	0.47	12	7.9	540	0.62	400
EWI1608-R51□	0.51	12	7.9	600	0.65	400
EWI1608-R56□	0.56	12	7.9	600	0.65	380
EWI1608-R68□	0.68	12	7.9	500	1	350
EWI1608-R75□	0.75	12	7.9	500	1.3	350
EWI1608-R82□	0.82	12	7.9	500	1.3	350
EWI1608-1R0□	1	12	7.9	400	1.5	330
EWI1608-1R2□	1.2	12	7.9	380	1.7	320
EWI1608-1R5□	1.5	12	7.9	300	1.9	310
EWI1608-1R8□	1.8	12	7.9	180	2.2	300
EWI1608-2R0□	2	12	7.9	180	2.3	280
EWI1608-2R2□	2.2	12	7.9	180	2.3	280
EWI1608-2R7□	2.7	12	7.9	150	2.6	250
EWI1608-3R3□	3.3	12	7.9	150	2.9	230
EWI1608-3R9□	3.9	12	7.9	120	3.2	210
EWI1608-4R7□	4.7	12	7.9	100	4	200
EWI1608-5R1□	5.1	15	7.9	32	2.6	240
EWI1608-5R6□	5.6	15	7.9	32	2.6	240
EWI1608-6R8□	6.8	12	7.9	31	3.9	200
EWI1608-8R2□	8.2	12	7.9	26	4.2	190
EWI1608-100□	10	10	2.5	25	4.8	180
EWI1608-150□	15	10	2.5	23	8.5	170
EWI1608-180□	18	10	2.5	22	10	160
EWI1608-220□	22	10	2.5	10	12	100

●Inductance Tolerance(J:±5%, K:±10%, M:±20%, N:±30% .)

Electrical Specifications-EWI2012

P/N	L (uH)	Mini Quality Factor (Q)	L,Q Test Freq. (MHz)	SRF(Min) (MHz)	DCR(Max) (Ω)	IDC(Max) (mA)
EWI2012-R47□	0.47	12	7.9	500	0.31	720
EWI2012-1R0□	1	12	7.9	360	1	430
EWI2012-1R2□	1.2	12	7.9	350	1.15	410
EWI2012-2R2□	2.2	12	7.9	170	1.5	350
EWI2012-3R3□	3.3	12	7.9	90	1.8	300
EWI2012-4R7□	4.7	12	7.9	85	2.05	250
EWI2012-6R8□	6.8	12	7.9	55	2.6	220
EWI2012-8R2□	8.2	12	7.9	50	3	180
EWI2012-100□	10	10	2.5	30	3.2	150
EWI2012-150□	15	10	2.5	16	4.2	100
EWI2012-220□	22	10	2.5	14	6	80
EWI2012-330□	33	10	2.5	17	10.7	60
EWI2012-680□	68	8	2.5	11	17.5	40

●Inductance Tolerance(J:±5%, K:±10%, M:±20%, N:±30% .)

Electrical Specifications-EWI2520

P/N	L (uH)	Mini Quality Factor (Q)	L,Q Test Freq. (MHz)	SRF(Min) (MHz)	DCR(Max) (Ω)	IDC(Max) (mA)
EWI2520-1R0□	1	18	7.9	230	0.62	700
EWI2520-1R2□	1.2	18	7.9	210	0.68	650
EWI2520-1R5□	1.5	18	7.9	190	0.76	630
EWI2520-2R2□	2.2	18	7.9	150	1.1	520
EWI2520-2R7□	2.7	18	7.9	135	1.28	490
EWI2520-3R9□	3.9	18	7.9	105	1.56	420
EWI2520-6R8□	6.8	15	7.9	70	2	360
EWI2520-8R2□	8.2	15	7.9	65	2.65	330
EWI2520-100□	10	12	2.5	60	2.95	300
EWI2520-220□	22	12	2.5	22	6.14	270
EWI2520-300□	30	12	2.5	12	6.8	200
EWI2520-390□	39	12	2.5	16	10	170
EWI2520-560□	56	12	2.5	8	12	170
EWI2520-680□	68	12	2.5	5.7	13.5	145

Electrical Specifications-EWI3225

P/N	L (uH)	Mini Quality Factor (Q)	L,Q Test Freq. (MHz)	SRF(Min) (MHz)	DCR(Max) (Ω)	IDC(Max) (mA)
EWI3225-5R6□	5.6	18	2.5	50	2	320
EWI3225-100□	10	15	2.5	30	1	300
EWI3225-150□	15	15	2.5	22	2	225
EWI3225-220□	22	15	2.5	20	2.1	210
EWI3225-330□	33	15	2.5	15	2.9	160
EWI3225-470□	47	15	2.5	10	5.2	140
EWI3225-680□	68	6	1	10	13	100
EWI3225-101□	100	6	1	10	13	100
EWI3225-151□	150	10	1	4	20	80
EWI3225-201□	200	8	1	2.6	30	65
EWI3225-221□	220	8	1	2.6	30	65
EWI3225-471□	470	8	1	2	42	40

●Inductance Tolerance(J:±5%, K:±10%, M:±20%, N:±30% .)

Electrical Specifications-EWI4532

P/N	L (uH)	Mini Quality Factor (Q)	L,Q Test Freq. (MHz)	SRF(Min) (MHz)	DCR(Max) (Ω)	IDC(Max) (mA)
EWI4532-R33□	0.33	10	25.2	380	0.13	1000
EWI4532-R56□	0.56	10	25.2	300	0.15	1000
EWI4532-1R0□	1	15	7.96	200	0.22	1000
EWI4532-1R2□	1.2	15	7.96	200	0.35	1000
EWI4532-1R5□	1.5	15	7.96	180	0.32	1000
EWI4532-1R8□	1.8	15	7.96	160	0.35	950
EWI4532-2R2□	2.2	15	7.96	150	0.37	900
EWI4532-2R7□	2.7	15	7.96	145	0.37	850
EWI4532-3R3□	3.3	15	7.96	140	0.48	800
EWI4532-3R9□	3.9	15	7.96	135	0.6	750
EWI4532-4R7□	4.7	15	7.96	120	1	700
EWI4532-5R6□	5.6	15	7.96	110	0.55	650
EWI4532-6R8□	6.8	15	7.96	80	0.8	600
EWI4532-8R2□	8.2	10	7.96	70	0.85	600

Electrical Specifications-EWI4532

P/N	L (uH)	Mini Quality Factor (Q)	L,Q Test Freq. (MHz)	SRF(Min) (MHz)	DCR(Max) (Ω)	IDC(Max) (mA)
EWI4532-100□	10	10	2.52	65	1	550
EWI4532-120□	10	10	2.52	55	1.1	550
EWI4532-150□	15	10	2.52	35	1.2	500
EWI4532-180□	18	10	2.52	29	1.2	500
EWI4532-220□	22	10	2.52	20	1.3	450
EWI4532-270□	27	10	2.52	20	1.5	400
EWI4532-330□	33	10	2.52	18	1.7	350
EWI4532-390□	39	10	2.52	14	1.8	350
EWI4532-470□	47	10	2.52	10	2	300
EWI4532-560□	56	10	2.52	10	2.2	290
EWI4532-680□	68	10	2.52	5.4	2.4	260
EWI4532-820□	82	10	2.52	5.2	2.8	240
EWI4532-101□	100	10	0.796	4	3	220
EWI4532-121□	120	10	0.796	3.3	3.3	220
EWI4532-151□	150	10	0.796	3	3.7	200
EWI4532-181□	180	10	0.796	3	4.5	200
EWI4532-221□	220	10	0.796	2.5	8	170
EWI4532-271□	270	10	0.796	2.2	8.5	160
EWI4532-331□	330	10	0.796	2	9	150
EWI4532-391□	390	10	0.796	1.8	9.5	130
EWI4532-471□	470	8	0.796	1.6	10.4	120
EWI4532-561□	560	8	0.796	1.5	12.5	110
EWI4532-681□	680	8	0.796	1.5	14	100
EWI4532-821□	820	8	0.796	1.5	15	95
EWI4532-102□	1000	6	0.252	1.4	16.5	90

●Inductance Tolerance(J:±5%, K:±10%, M:±20%, N:±30% .)