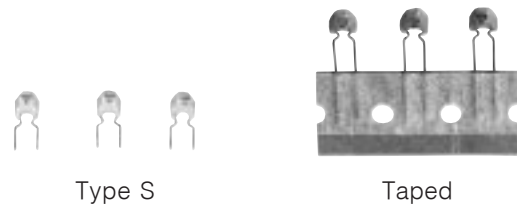


Peaking Coils

Series: **Radial**
 Type: **S, L, K**

Japan



Type S

Taped

■ Features

- Compact size, with high Q and self-resonant frequency
- Wide inductance range: 0.22 μH to 22 mH

■ Recommended Applications

- CTV, VTR, Audio, PC, Facsimiles

■ Performance Characteristics

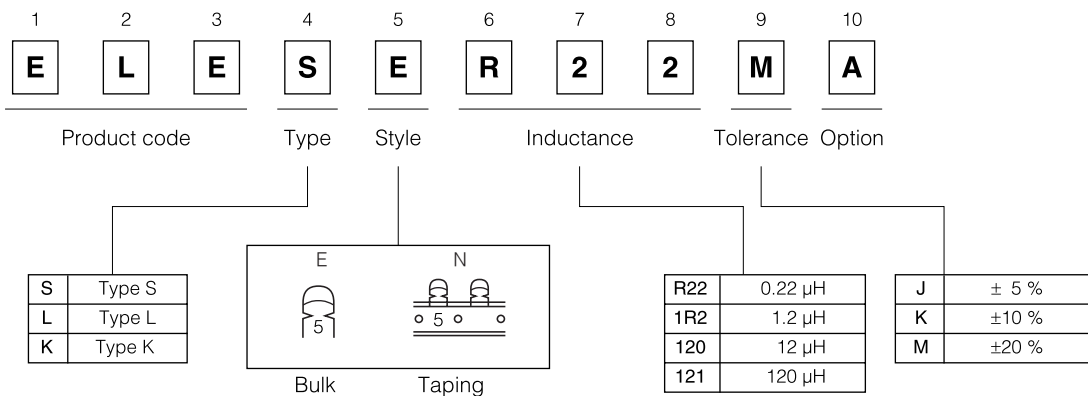
- Operating Temperature $-20\text{ }^{\circ}\text{C}$ to $+80\text{ }^{\circ}\text{C}$
- Temperature Rise 20 K ($20\text{ }^{\circ}\text{C}$) max.
- Terminal Strength 4.9 N min.



Type L

Type K

■ Explanation of Part Numbers



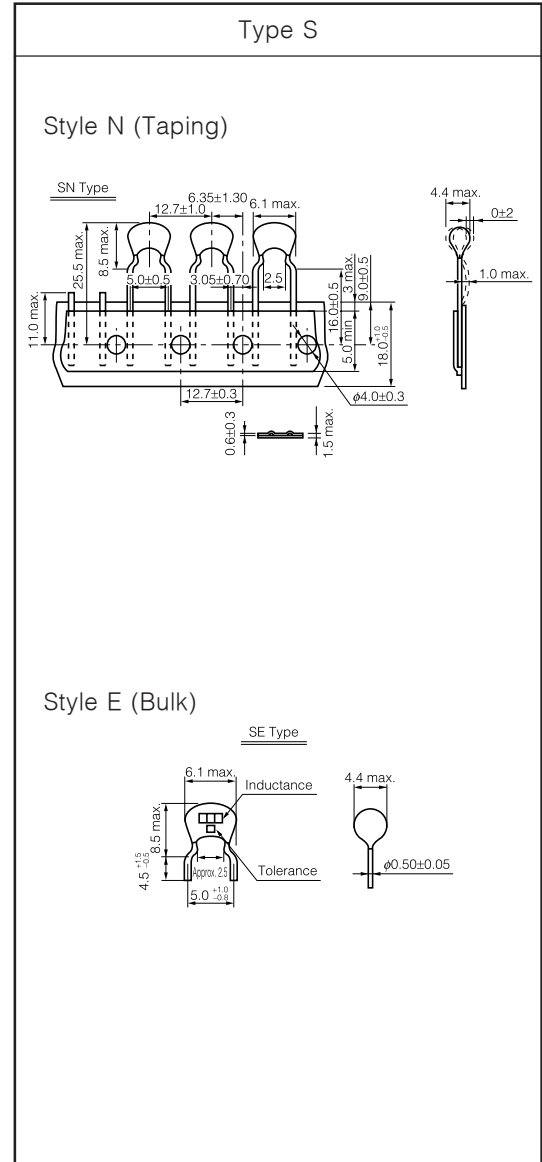
■ Marking

	Value	Marking
Inductance	0.22 μH	R22
	1.2 μH	1R2
	12 μH	120
	120 μH	121
Inductance Tolerance	$\pm 5\%$	J
	$\pm 10\%$	K
	$\pm 20\%$	M

Examples : Type S

Part No.	Inductance (μH)	Inductance Tolerance		Q min.	Test Frequency	SRF (MHz) min.	DCR* (Ω) max.	DC Current (mA)			
		Standard	Special								
		Type S									
ELES□R22MA	0.22	±20 %		35	25.2 MHz	150.0	0.15	800			
ELES□R27MA	0.27			35		150.0	0.16	800			
ELES□R33MA	0.33			35		150.0	0.17	800			
ELES□R39MA	0.39			35		130.0	0.19	800			
ELES□R47MA	0.47			35		130.0	0.20	800			
ELES□R56MA	0.56			35		130.0	0.22	700			
ELES□R68MA	0.68			35		120.0	0.24	700			
ELES□R82MA	0.82			35		120.0	0.26	700			
ELES□1R0□A	1.00			±10 %			35		85.0	0.29	674
ELES□1R2□A	1.20						50		75.0	0.32	645
ELES□1R5□A	1.50	50	65.0		0.34		608				
ELES□1R8□A	1.80	50	55.0		0.37		577				
ELES□2R2□A	2.20	50	50.0		0.40		550				
ELES□2R7□A	2.70	50	45.0		0.44		520				
ELES□3R3□A	3.30	±10 %			50		7.96 MHz		40.0	0.49	488
ELES□3R9□A	3.90				50				35.0	0.53	466
ELES□4R7□A	4.70				50				30.0	0.58	434
ELES□5R6□A	5.60				50				27.0	0.64	422
ELES□6R8□A	6.80			50	25.0	0.70		398			
ELES□8R2□A	8.20			50	22.0	0.77		378			
ELES□100□A	10.00			50	20.0	0.84		353			
ELES□120□A	12.00			±10 %		50			18.0	1.03	339
ELES□150□A	15.00					50			15.0	1.15	316
ELES□180□A	18.00					50			12.0	1.26	301
ELES□220□A	22.00	50	11.0			1.40	272				
ELES□270□A	27.00	50	10.0			1.58	254				
ELES□330□A	33.00	±10 %				40	2.52 MHz		9.5	1.79	239
ELES□390□A	39.00					40			9.0	1.99	223
ELES□470□A	47.00					40			8.5	2.25	213
ELES□560□A	56.00					40			8.0	2.52	204
ELES□680□A	68.00					40			7.5	2.87	174
ELES□820□A	82.00			40	7.0	3.23		164			
ELES□101□A	100.00			40	6.5	3.64		150			
ELES□121□A	120.00			±5 %		50			6.2	4.30	140
ELES□151□A	150.00					50			5.7	5.00	130
ELES□181□A	180.00					50			5.3	5.70	120
ELES□221□A	220.00	50	4.0			6.50	112				
ELES□271□A	270.00	50	3.6			8.00	90				
ELES□331□A	330.00	±5 %				50	796 kHz		3.3	11.00	87
ELES□391□A	390.00					50			3.0	12.00	80
ELES□471□A	470.00					50			2.8	14.00	76
ELES□561□A	560.00					50			2.4	20.00	69
ELES□681□A	680.00					50			2.2	22.50	65
ELES□821□A	820.00			50	2.0	25.50		61			
ELES□102□A	1000.00			50	1.8	29.50		56			

Dimensions in mm (not to scale)



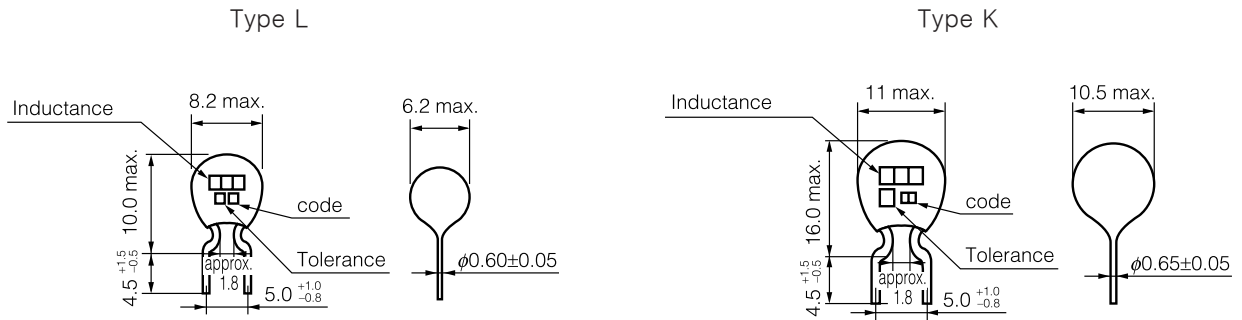
*DC Resistance

Examples : Type L, K

Part No.	Inductance (μH)	Type L							Type K						
		Inductance Tolerance		Q min.	Test Frequency	SRF (MHz) min.	DCR* (Ω) max.	DC Current (mA)	Inductance Tolerance		Q min.	Test Frequency	SRF (MHz) min.	DCR* (Ω) max.	DC Current (mA)
		Standard	Special						Standard	Special					
ELE□□1R0□□A	1.0	±20 %	±10 %	—	7.96 MHz	68.00	0.05	1600	±20 %	±10 %	—	—	37.000	0.048	2400
ELE□□1R5□□A	1.5					60.00	0.06	1500							
ELE□□2R2□□A	2.2					52.00	0.07	1400							
ELE□□3R3□□A	3.3					45.00	0.08	1300							
ELE□□4R7□□A	4.7					32.00	0.10	1200							
ELE□□6R8□□A	6.8					25.00	0.12	1100							
ELE□□100□□A	10.0	±10 %	±5 %	20	0.252 MHz	19.00	0.14	1000	±10 %	±5 %	13	15.600	0.048	1740	
ELE□□120□□A	12.0			20		17.00	0.15	920			14	14.200	0.052	1670	
ELE□□150□□A	15.0			20		16.00	0.17	850			15	12.700	0.059	1590	
ELE□□180□□A	18.0			15		14.00	0.20	770			16	11.600	0.066	1520	
ELE□□220□□A	22.0			15		13.00	0.22	730			17	10.400	0.074	1440	
ELE□□270□□A	27.0			15		12.00	0.25	650			18	9.400	0.083	1360	
ELE□□330□□A	33.0			15		10.00	0.30	600			19	8.200	0.094	1290	
ELE□□390□□A	39.0			15		9.20	0.35	550			19	7.400	0.105	1220	
ELE□□470□□A	47.0			15		8.50	0.40	500			20	6.600	0.118	1120	
ELE□□560□□A	56.0			15		7.70	0.57	460			20	5.900	0.133	1020	
ELE□□680□□A	68.0			15		7.00	0.65	420			21	5.300	0.177	920	
ELE□□820□□A	82.0			15		6.40	0.74	380			20	4.300	0.204	850	
ELE□□101□□A	100.0			25		5.50	0.90	350			20	4.000	0.236	790	
ELE□□121□□A	120.0			25		5.30	1.00	320			21	3.800	0.267	730	
ELE□□151□□A	150.0			25		4.70	1.50	300			19	2.950	0.370	630	
ELE□□181□□A	180.0			30		4.30	1.80	270			20	2.720	0.430	580	
ELE□□221□□A	220.0			30		4.00	2.00	250			21	2.490	0.500	530	
ELE□□271□□A	270.0			30		3.30	2.60	220			21	2.270	0.580	490	
ELE□□331□□A	330.0			35		3.00	3.30	195			18	1.920	0.830	420	
ELE□□391□□A	390.0			35		2.80	3.80	180			19	1.770	0.960	398	
ELE□□471□□A	470.0			35		2.30	5.00	160			19	1.600	1.100	368	
ELE□□561□□A	560.0			40		2.20	6.00	150			20	1.460	1.260	339	
ELE□□681□□A	680.0			40		2.00	7.00	140			16	1.260	2.030	288	
ELE□□821□□A	820.0			40		1.90	8.00	125			17	1.170	2.280	268	
ELE□□102□□A	1000.0			45		1.70	10.00	115			17	1.080	2.610	248	
ELE□□122□□A	1200.0			45		1.60	12.00	100			18	1.010	2.980	229	
ELE□□152□□A	1500.0			45		1.40	15.00	90			19	0.930	3.500	208	
ELE□□182□□A	1800.0			45		1.30	20.00	80			19	0.860	4.100	192	
ELE□□222□□A	2200.0			45		1.20	23.00	74			17	0.700	5.800	164	
ELE□□272□□A	2700.0			40		1.10	30.00	65			18	0.620	6.800	147	
ELE□□332□□A	3300.0			40		1.00	37.00	60			19	0.550	7.800	130	
ELE□□392□□A	3900.0			40		0.90	42.00	55			20	0.500	8.700	119	
ELE□□472□□A	4700.0			40		0.85	50.00	50			18	0.430	12.400	109	
ELE□□562□□A	5600.0			40		0.78	60.00	45			18	0.390	14.100	103	
ELE□□682□□A	6800.0	40	0.70	80.00	40	19	0.350	16.300	96						
ELE□□822□□A	8200.0	40	0.60	95.00	37	20	0.310	18.700	90						
ELE□□103□□A	10000.0	25	0.57	110.00	34	17	0.291	28.800	73						
ELE□□123□□A	12000.0	25	0.55	130.00	30	18	0.260	32.000	68						
ELE□□153□□A	15000.0	25	0.51	170.00	27	19	0.227	38.000	62						
ELE□□183□□A	18000.0								20	0.203	44.000	57			
ELE□□223□□A	22000.0								21	0.179	51.000	51			

■ Dimensions in mm (not to scale)

- Style E (Bulk)



- Style N (Taping)

