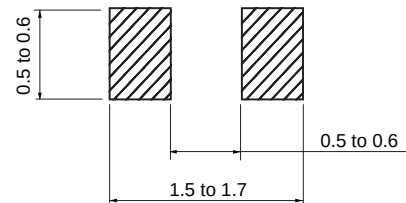
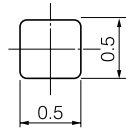
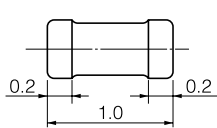


5. High Power Types PF, PE, PC, PA, PB

■ Type 1005(0402)PF

● Dimensions in mm (not to scale)

● Recommended Land Pattern in mm (not to scale)



■ Standard Packing Quantity

● 10000 pcs./Reel

■ Examples

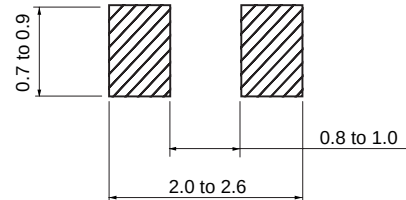
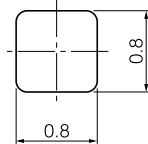
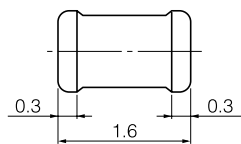
Part No.	Inductance		Q min.	L , Q Test Freq. (MHz)	SRF * ¹ (MHz)min.	DCR * ² (Ω)max.	DC Current (mA)max.
	(nH)	Tolerance					
ELJPF2N2DF	2.2	± 0.3 nH	7	100	5300	0.04	1900
ELJPF2N7DF	2.7				5300	0.05	1800
ELJPF3N3DF	3.3				5000	0.07	1500
ELJPF3N9DF	3.9				4800	0.08	1400
ELJPF4N7DF	4.7				4600	0.10	1300
ELJPF5N6DF	5.6	± 0.5 %			4200	0.12	1200
ELJPF6N8JF	6.8				4000	0.16	1100
ELJPF8N2JF	8.2				3700	0.21	900
ELJPF10NJF	10.0				3200	0.26	750

*1 : Self Resonant Frequency *2 : DC Resistance

Type 1608(0603)PE

● Dimensions in mm (not to scale)

● Recommended Land Pattern in mm (not to scale)



Standard Packing Quantity

● 3000 pcs./Reel

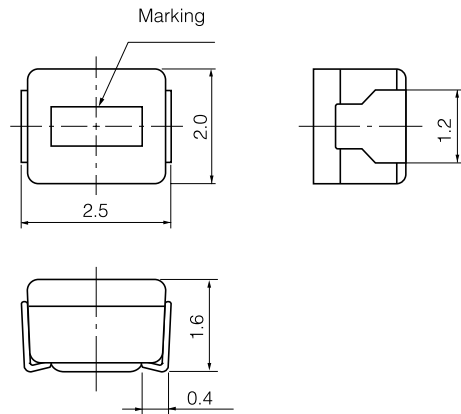
Examples

Part No.	Inductance		Q min.	L , Q Test Freq. (MHz)	SRF * ¹ (MHz) min.	DCR * ² (Ω)max.	DC Current (mA)max.
	(nH)	Tolerance					
ELJPE2N2KF	2.2	± 10 %	8	100	6000	0.030	2100
ELJPE2N7KF	2.7				5500	0.030	2100
ELJPE3N3KF	3.3				5500	0.040	2100
ELJPE3N9KF	3.9		9		5200	0.040	2100
ELJPE4N7KF	4.7				4800	0.050	2100
ELJPE5N6KF	5.6				4600	0.055	2100
ELJPE6N8KF	6.8				4000	0.055	1900
ELJPE8N2KF	8.2				3500	0.060	1700
ELJPE10NKF	10.0				2800	0.065	1400
ELJPE12NKF	12.0				2500	0.080	1300
ELJPE15NKF	15.0				2200	0.100	900
ELJPE18NKF	18.0				2000	0.120	800
ELJPE22NKF	22.0				1800	0.150	700

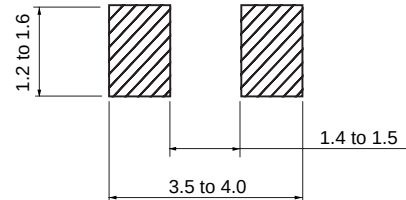
*1 : Self Resonant Frequency *2 : DC Resistance

■ Type 2520(1008)PC

● Dimensions in mm (not to scale)



● Recommended Land Pattern in mm (not to scale)



■ Standard Packing Quantity

- 2000 pcs./Reel

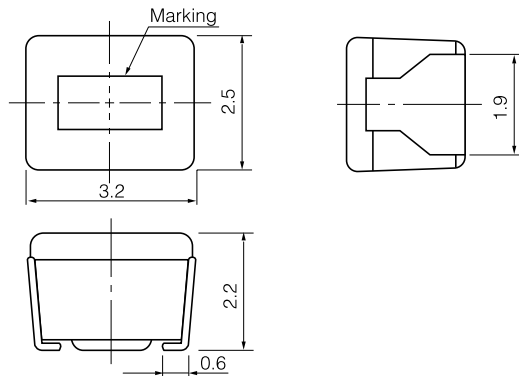
■ Examples

Part No.	Inductance		Q min.	L , Q Test Freq. (MHz)	SRF * ¹ (MHz)min.	DCR * ² (Ω)max.	DC Current (mA)max.
	(μH)	Tolerance					
ELJPC1R0MF	1.0	±20 %	10	7.96	95	0.45	475
ELJPC1R5MF	1.5				85	0.55	435
ELJPC2R2MF	2.2				65	0.65	390
ELJPC3R3MF	3.3				55	0.85	340
ELJPC4R7MF	4.7				43	1.20	285
ELJPC6R8KF	6.8	±10 %	8.5	2.52	44	1.30	170
ELJPC100KF	10.0		20		32	2.20	210
ELJPC120KF	12.0				25	2.70	195
ELJPC150KF	15.0				21	3.20	175
ELJPC220KF	22.0				18	4.00	160
ELJPC330KF	33.0	16		6.50	120		

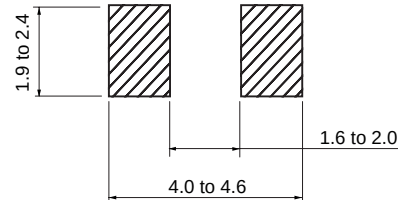
*1 : Self Resonant Frequency *2 : DC Resistance

■ Type 3225(1210)PA

● Dimensions in mm (not to scale)



● Recommended Land Pattern in mm (not to scale)



■ Standard Packing Quantity

- 2000 pcs./Reel

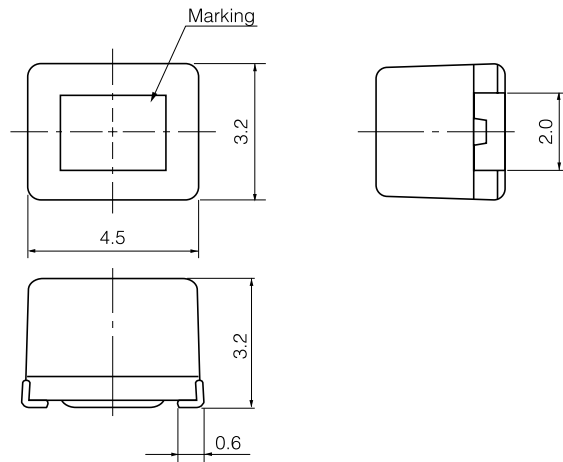
■ Examples

Part No.	Inductance		Q min.	L, Q Test Freq. (MHz)	SRF *1 (MHz)min.	DCR *2 (Ω)max.	DC Current (mA)max.
	(μ H)	Tolerance					
ELJPA1R0MF	1.0	$\pm 20\%$	7	7.96	150.0	0.15	600
ELJPA1R5MF	1.5				110.0	0.18	550
ELJPA2R2MF	2.2				80.0	0.23	500
ELJPA3R3MF	3.3				58.0	0.28	400
ELJPA4R7MF	4.7				46.0	0.34	350
ELJPA6R8MF	6.8				38.0	0.42	300
ELJPA100KF	10.0	$\pm 10\%$	15	2.52	23.0	0.50	240
ELJPA120KF	12.0				21.0	0.60	230
ELJPA150KF	15.0				18.0	0.74	220
ELJPA180KF	18.0				17.0	0.90	205
ELJPA220KF	22.0				15.0	1.15	185
ELJPA270KF	27.0				13.0	1.45	165
ELJPA330KF	33.0				12.0	1.65	155
ELJPA390KF	39.0				11.0	1.90	145
ELJPA470KF	47.0				9.5	2.25	135
ELJPA560KF	56.0				8.5	3.30	110
ELJPA680KF	68.0				7.5	3.70	105
ELJPA820KF	82.0				7.0	4.20	100
ELJPA101KF	100.0		20	0.796	6.5	5.00	90
ELJPA121KF	120.0				6.0	7.00	75
ELJPA151KF	150.0				5.5	8.00	70
ELJPA181KF	180.0				5.0	9.50	65
ELJPA221KF	220.0				4.0	11.00	60
ELJPA271KF	270.0				3.5	14.50	55
ELJPA331KF	330.0				3.0	16.00	50

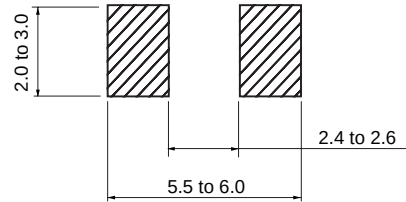
*1 : Self Resonant Frequency *2 : DC Resistance

■ Type 4532(1812)PB

● Dimensions in mm (not to scale)



● Recommended Land Pattern in mm (not to scale)



■ Standard Packing Quantity

- 500 pcs./Reel

■ Examples

Part No.	Inductance		Q min.	L , Q Test Freq. (MHz)	SRF *1 (MHz)min.	DCR *2 (Ω)max.	DC Current (mA)max.
	(μH)	Tolerance					
ELJPB100KF	10	±10 %	10	2.52	19.0	0.65	360
ELJPB120KF	12				17.0	0.70	340
ELJPB150KF	15				15.0	0.80	320
ELJPB180KF	18				14.0	0.90	310
ELJPB220KF	22				13.0	1.00	300
ELJPB270KF	27				11.0	1.20	270
ELJPB330KF	33				10.0	1.40	250
ELJPB390KF	39				9.5	1.60	230
ELJPB470KF	47				8.5	1.90	210
ELJPB560KF	56				8.0	2.20	190
ELJPB680KF	68				7.0	2.60	170
ELJPB820KF	82				6.5	3.50	160
ELJPB101KF	100		20	0.796	6.0	4.00	150
ELJPB121KF	120				5.5	4.50	130
ELJPB151KF	150				5.0	6.50	120
ELJPB181KF	180				4.5	7.50	110
ELJPB221KF	220				4.0	9.00	90

*1 : Self Resonant Frequency *2 : DC Resistance