

PANASONIC Fixed Inductors

RoHS Compliant This product is RoHS compliant.



HIGH POWER INDUCTORS

ELJ-PC Series 1008 Case Size

Applications:

- AV equipment, Wireless communication equipment and various types of general electronic equipment

Features:

- Low DCR and large current capability, suitable for power circuitry
- Wire wound, resin molded chip inductor. (PC, PA, PB types)
- Unique Ceramic Core/Laser-cut technology (PF, PE type)
- Capable of being Re-Fl ow or fl ow soldered
- Wide line-up from 1005 to 4532 case sizes
- Good for mounting

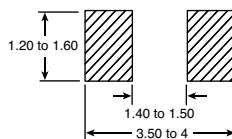


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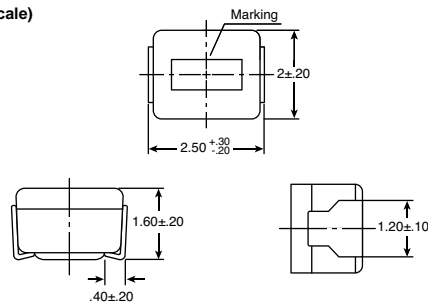
Specifications:

- Operating Temperature : -20 to +85 °C

Recommended land patterns in mm (not to scale)



DIMENSIONS: mm (not to scale)



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Panasonic Part No.	Inductance			Q		SRF (MHz min)	DCR (Ω)	I _{rms} (mA)	Price Each			
		Value (μH)	Tol.	Test Freq. (MHz)	Min.	Test Freq. (MHz)				1	50	100	500
667-ELJ-PC1R0MF	ELJ-PC1R0MF	1.0	±20%	7.96	10	7.96	95	0.45	475				
667-ELJ-PC1R5MF	ELJ-PC1R5MF	1.5	±20%	7.96	10	7.96	85	0.55	435				
667-ELJ-PC2R2MF	ELJ-PC2R2MF	2.2	±20%	7.96	10	7.96	65	0.65	390				
667-ELJ-PC3R3MF	ELJ-PC3R3MF	3.3	±20%	7.96	8	7.96	55	0.85	340				
667-ELJ-PC4R7MF	ELJ-PC4R7MF	4.7	±20%	7.96	8	7.96	43	1.2	285				
667-ELJ-PC6R8KF	ELJ-PC6R8KF	6.8	±10%	2.52	8.5	2.52	44	1.3	170				
667-ELJ-PC100KF	ELJ-PC100KF	10	±10%	2.52	20	2.52	32	2.2	210				
667-ELJ-PC120KF	ELJ-PC120KF	12	±10%	2.52	20	2.52	25	2.7	195				
667-ELJ-PC150KF	ELJ-PC150KF	15	±10%	2.52	20	2.52	21	3.2	175				
667-ELJ-PC220KF	ELJ-PC220KF	22	±10%	2.52	20	2.52	18	4	160				
667-ELJ-PC330KF	ELJ-PC330KF	33	±10%	2.52	20	2.52	16	6.5	120				

HIGH POWER INDUCTORS

ELJ-PA Series 1210 Case Size

Applications:

- AV equipment, Wireless communication equipment and various types of general electronic equipment

Features:

- Low DCR and large current capability, suitable for power circuitry
- Wire wound, resin molded chip inductor. (PC, PA, PB types)
- Unique Ceramic Core/Laser-cut technology (PF, PE type)
- Capable of being Re-Fl ow or fl ow soldered
- Wide line-up from 1005 to 4532 case sizes
- Good for mounting

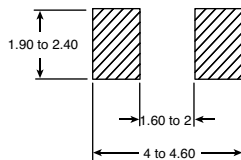


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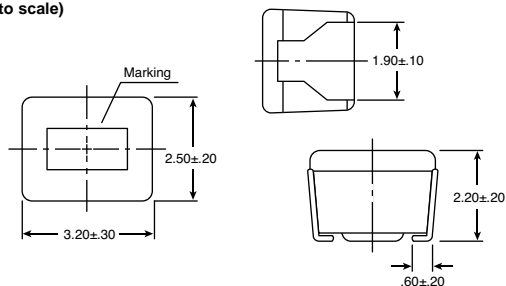
Specifications:

- Operating Temperature : -20 to +85 °C

Recommended land patterns in mm (not to scale)



DIMENSIONS: mm (not to scale)



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Panasonic Part No.	Inductance			Q		SRF (MHz min)	DCR (Ω)	I _{rms} (mA)	Price Each			
		Value (μH)	Tol.	Test Freq. (MHz)	Min.	Test Freq. (MHz)				1	50	100	500
667-ELJ-PA1R0MF	ELJ-PA1R0MF	1.0	±20%	7.96	7	7.96	150	0.15	600				
667-ELJ-PA1R5MF	ELJ-PA1R5MF	1.5	±20%	7.96	7	7.96	110	0.18	550				
667-ELJ-PA2R2MF	ELJ-PA2R2MF	2.2	±20%	7.96	7	7.96	80	0.23	500				
667-ELJ-PA3R3MF	ELJ-PA3R3MF	3.3	±20%	7.96	7	7.96	58	0.28	400				
667-ELJ-PA4R7MF	ELJ-PA4R7MF	4.7	±20%	7.96	7	7.96	46	0.34	350				
667-ELJ-PA6R8MF	ELJ-PA6R8MF	6.8	±20%	7.96	7	7.96	38	0.42	300				
667-ELJ-PA100KF	ELJ-PA100KF	10	±10%	2.52	15	2.52	23	0.5	240				
667-ELJ-PA120KF	ELJ-PA120KF	12	±10%	2.52	15	2.52	21	0.6	230				
667-ELJ-PA150KF	ELJ-PA150KF	15	±10%	2.52	15	2.52	18	0.74	220				
667-ELJ-PA180KF	ELJ-PA180KF	18	±10%	2.52	15	2.52	17	0.9	205				
667-ELJ-PA220KF	ELJ-PA220KF	22	±10%	2.52	15	2.52	15	1.15	185				
667-ELJ-PA270KF	ELJ-PA270KF	27	±10%	2.52	15	2.52	13	1.45	165				
667-ELJ-PA330KF	ELJ-PA330KF	33	±10%	2.52	15	2.52	12	1.65	155				
667-ELJ-PA390KF	ELJ-PA390KF	39	±10%	2.52	15	2.52	11	1.9	145				
667-ELJ-PA470KF	ELJ-PA470KF	47	±10%	2.52	15	2.52	9.5	2.25	135				
667-ELJ-PA560KF	ELJ-PA560KF	56	±10%	2.52	15	2.52	8.5	3.3	110				
667-ELJ-PA680KF	ELJ-PA680KF	68	±10%	2.52	15	2.52	7.5	3.7	105				
667-ELJ-PA820KF	ELJ-PA820KF	82	±10%	2.52	15	2.52	7	4.2	100				
667-ELJ-PA101KF	ELJ-PA101KF	100	±10%	0.796	20	0.796	6.5	5	90				
667-ELJ-PA121KF	ELJ-PA121KF	120	±10%	0.796	20	0.796	6	7	75				
667-ELJ-PA151KF	ELJ-PA151KF	150	±10%	0.796	20	0.796	5.5	8	70				
667-ELJ-PA181KF	ELJ-PA181KF	180	±10%	0.796	20	0.796	5	9.5	65				
667-ELJ-PA221KF	ELJ-PA221KF	220	±10%	0.796	20	0.796	4	11	60				
667-ELJ-PA271KF	ELJ-PA271KF	270	±10%	0.796	20	0.796	3.5	14.5	55				
667-ELJ-PA331KF	ELJ-PA331KF	330	±10%	0.796	20	0.796	3	16	50				