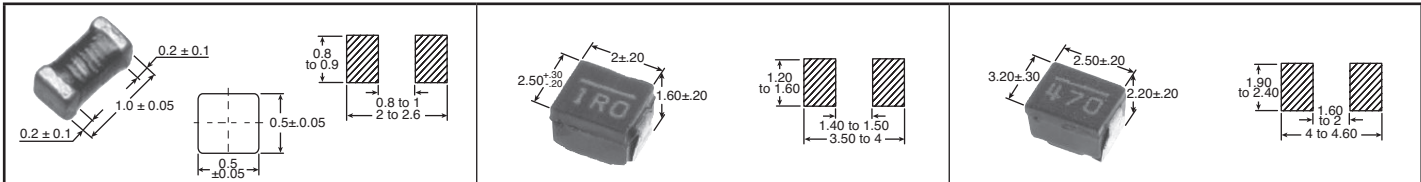


PANASONIC Fixed Inductors



RoHS Compliant This product is RoHS compliant.



ELJ-OE SERIES - 1608 CASE SIZE, LASER-CUT CHIP INDUCTORS

Features:

- Non polar product
- Laser-cut technology offering precision
- Unique Ceramic Core
- High Self Resonant Frequency (SRF)
- High Q devices in 0603 case size
- Capable of being re-flow or flow soldered
- Cost effective over wire-wound



For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Panasonic Part No. | Fig. | Inductance | | Test Freq. (MHz) | Q | | SRF (MHz min) | RDC (Ω) max. | DC Current (mA) max. | Price Each | | |
|------------------|--------------------|------|------------|--------|------------------|--------------|--------------|---------------|--------------|----------------------|------------|------|------|
| | | | (nh) | Tol. | | 100 MHz min. | 800 MHz min. | | | | 1 | 25 | 500 |
| 667-ELJ-QE2N2DFA | ELJ-QE2N2DFA | A | 2.2 | ±0.3nh | 100 | 15 | 88.6 | 6000 | 0.04 | 970 | .25 | .242 | .177 |
| 667-ELJ-QE2N7DFA | ELJ-QE2N7DFA | A | 2.7 | ±0.3nh | 100 | 15 | 65.4 | 6000 | 0.05 | 880 | .25 | .242 | .177 |
| 667-ELJ-QE3N3DFA | ELJ-QE3N3DFA | A | 3.3 | ±0.3nh | 100 | 15 | 61.3 | 6000 | 0.06 | 800 | .25 | .242 | .177 |
| 667-ELJ-QE3N9DFA | ELJ-QE3N9DFA | A | 3.9 | ±0.3nh | 100 | 15 | 68.4 | 6000 | 0.07 | 750 | .25 | .242 | .177 |
| 667-ELJ-QE4N7DFA | ELJ-QE4N7DFA | A | 4.7 | ±0.3nh | 100 | 15 | 65.2 | 6000 | 0.09 | 660 | .25 | .242 | .177 |
| 667-ELJ-QE5N6DFA | ELJ-QE5N6DFA | A | 5.6 | ±0.3nh | 100 | 15 | 57.4 | 6000 | 0.11 | 600 | .25 | .242 | .177 |
| 667-ELJ-QE6N8JFA | ELJ-QE6N8JFA | A | 6.8 | ±5% | 100 | 15 | 65.0 | 6000 | 0.14 | 540 | .25 | .242 | .177 |
| 667-ELJ-QE8N2JFA | ELJ-QE8N2JFA | A | 8.2 | ±5% | 100 | 15 | 65.5 | 5700 | 0.17 | 490 | .25 | .242 | .177 |
| 667-ELJ-QE10NJFA | ELJ-QE10NJFA | A | 10 | ±5% | 100 | 15 | 63.8 | 5300 | 0.21 | 450 | .25 | .242 | .177 |
| 667-ELJ-QE12NJFA | ELJ-QE12NJFA | A | 12 | ±5% | 100 | 15 | 61.9 | 4900 | 0.26 | 400 | .25 | .242 | .177 |
| 667-ELJ-QE15NJFA | ELJ-QE15NJFA | A | 15 | ±5% | 100 | 15 | 59.0 | 4400 | 0.34 | 350 | .25 | .242 | .177 |
| 667-ELJ-QE18NJFA | ELJ-QE18NJFA | A | 18 | ±5% | 100 | 15 | 58.6 | 4000 | 0.41 | 320 | .25 | .242 | .177 |
| 667-ELJ-QE22NJFA | ELJ-QE22NJFA | A | 22 | ±5% | 100 | 15 | 59.1 | 3700 | 0.52 | 290 | .25 | .242 | .177 |
| 667-ELJ-QE27NJFA | ELJ-QE27NJFA | A | 27 | ±5% | 100 | 15 | 55.0 | 3400 | 0.66 | 260 | .25 | .242 | .177 |
| 667-ELJ-QE33NJFA | ELJ-QE33NJFA | A | 33 | ±5% | 100 | 15 | 54.2 | 3000 | 0.82 | 230 | .25 | .242 | .177 |
| 667-ELJ-QE39NJFA | ELJ-QE39NJFA | A | 39 | ±5% | 100 | 15 | 52.9 | 2800 | 1.00 | 210 | .25 | .242 | .177 |
| 667-ELJ-QE47NJFA | ELJ-QE47NJFA | A | 47 | ±5% | 100 | 15 | 54.4 | 2500 | 1.23 | 190 | .25 | .242 | .177 |
| 667-ELJ-QE56NJFA | ELJ-QE56NJFA | A | 56 | ±5% | 100 | 15 | 51.5 | 2500 | 1.51 | 180 | .25 | .242 | .177 |
| 667-ELJQE2N2ZFA | ELJQE2N2ZFA | A | 2.18 | ±0.2nH | 100 | 15 | 88.6 | 6000 | 0.04 | 970 | .32 | .306 | .224 |
| 667-ELJQE2N7ZFA | ELJQE2N7ZFA | A | 2.62 | ±0.2nH | 100 | 15 | 65.4 | 6000 | 0.05 | 880 | .32 | .306 | .224 |
| 667-ELJQE3N3ZFA | ELJQE3N3ZFA | A | 3.24 | ±0.2nH | 100 | 15 | 61.3 | 6000 | 0.06 | 800 | .32 | .306 | .224 |
| 667-ELJQE3N9ZFA | ELJQE3N9ZFA | A | 3.83 | ±0.2nH | 100 | 15 | 68.4 | 6000 | 0.07 | 750 | .32 | .306 | .224 |
| 667-ELJQE4N7ZFA | ELJQE4N7ZFA | A | 4.61 | ±0.2nH | 100 | 15 | 65.2 | 6000 | 0.09 | 660 | .32 | .306 | .224 |
| 667-ELJQE5N6ZFA | ELJQE5N6ZFA | A | 5.48 | ±0.2nH | 100 | 15 | 57.4 | 6000 | 0.11 | 600 | .32 | .306 | .224 |
| 667-ELJ-QE6N8ZFA | ELJ-QE6N8ZFA | A | 6.70 | ±0.2nH | 100 | 15 | 65.0 | 6000 | 0.14 | 540 | .32 | .306 | .224 |
| 667-ELJ-QE8N2ZFA | ELJ-QE8N2ZFA | A | 8.12 | ±0.2nH | 100 | 15 | 65.5 | 5700 | 0.17 | 490 | .32 | .306 | .224 |
| 667-ELJ-QE10NGFA | ELJ-QE10NGFA | A | 9.89 | ±2% | 100 | 15 | 63.8 | 5300 | 0.21 | 450 | .32 | .306 | .224 |
| 667-ELJ-QE12NGFA | ELJ-QE12NGFA | A | 12.0 | ±2% | 100 | 15 | 61.9 | 4900 | 0.26 | 400 | .32 | .306 | .224 |
| 667-ELJ-QE15NGFA | ELJ-QE15NGFA | A | 14.9 | ±2% | 100 | 15 | 59.0 | 4400 | 0.34 | 350 | .32 | .306 | .224 |
| 667-ELJ-QE18NGFA | ELJ-QE18NGFA | A | 18.0 | ±2% | 100 | 15 | 58.6 | 4000 | 0.41 | 320 | .32 | .306 | .224 |
| 667-ELJ-QE22NGFA | ELJ-QE22NGFA | A | 22.0 | ±2% | 100 | 15 | 59.1 | 3700 | 0.52 | 290 | .32 | .306 | .224 |
| 667-ELJ-QE27NGFA | ELJ-QE27NGFA | A | 27.1 | ±2% | 100 | 15 | 55.0 | 3400 | 0.66 | 260 | .32 | .306 | .224 |
| 667-ELJ-QE33NGFA | ELJ-QE33NGFA | A | 33.9 | ±2% | 100 | 15 | 54.2 | 3000 | 0.82 | 230 | .32 | .306 | .224 |
| 667-ELJ-QE39NGFA | ELJ-QE39NGFA | A | 40.3 | ±2% | 100 | 15 | 52.9 | 2800 | 1.00 | 210 | .32 | .306 | .224 |
| 667-ELJ-QE47NGFA | ELJ-QE47NGFA | A | 49.6 | ±2% | 100 | 15 | 54.4 | 2500 | 1.23 | 190 | .32 | .306 | .224 |
| 667-ELJ-QE56NGFA | ELJ-QE56NGFA | A | 58.8 | ±2% | 100 | 15 | 51.5 | 2500 | 1.51 | 180 | .32 | .306 | .224 |

HIGH POWER INDUCTORS

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-flow or flow soldered
- Wide line-up from 1005 to 4532 case size sizes

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Panasonic Part No. | Fig. | Inductance | | Test Freq. (MHz) | Q | | SRF (MHz min) | DCR (Ω) | Irms (mA) | Price Each | | | |
|-------------------------------------|--------------------|------|------------|------|------------------|------|------------------|---------------|---------|-----------|------------|------|------|------|
| | | | Value (μH) | Tol. | | Min. | Test Freq. (MHz) | | | | 1 | 25 | 100 | 500 |
| ELJ-PC Series 1008 Case Size | | | | | | | | | | | | | | |
| 667-ELJ-PC1R0MF | ELJ-PC1R0MF | B | 1.0 | ±20% | 7.96 | 10 | 7.96 | 95 | 0.45 | 475 | .22 | .204 | .153 | .141 |
| 667-ELJ-PC1R5MF | ELJ-PC1R5MF | B | 1.5 | ±20% | 7.96 | 10 | 7.96 | 85 | 0.55 | 435 | .22 | .204 | .153 | .141 |
| 667-ELJ-PC2R2MF | ELJ-PC2R2MF | B | 2.2 | ±20% | 7.96 | 10 | 7.96 | 65 | 0.65 | 390 | .22 | .204 | .153 | .141 |
| 667-ELJ-PC3R3MF | ELJ-PC3R3MF | B | 3.3 | ±20% | 7.96 | 8 | 7.96 | 55 | 0.85 | 340 | .22 | .204 | .153 | .141 |
| 667-ELJ-PC4R7MF | ELJ-PC4R7MF | B | 4.7 | ±20% | 7.96 | 8 | 7.96 | 43 | 1.2 | 285 | .22 | .204 | .153 | .141 |
| 667-ELJ-PC6R8KF | ELJ-PC6R8KF | B | 6.8 | ±10% | 2.52 | 8.5 | 2.52 | 44 | 1.3 | 170 | .22 | .204 | .153 | .141 |
| 667-ELJ-PC100KF | ELJ-PC100KF | B | 10 | ±10% | 2.52 | 20 | 2.52 | 32 | 2.2 | 210 | .22 | .204 | .153 | .141 |
| 667-ELJ-PC120KF | ELJ-PC120KF | B | 12 | ±10% | 2.52 | 20 | 2.52 | 25 | 2.7 | 195 | .22 | .204 | .153 | .141 |
| 667-ELJ-PC150KF | ELJ-PC150KF | B | 15 | ±10% | 2.52 | 20 | 2.52 | 21 | 3.2 | 175 | .22 | .204 | .153 | .141 |
| 667-ELJ-PC220KF | ELJ-PC220KF | B | 22 | ±10% | 2.52 | 20 | 2.52 | 18 | 4 | 160 | .22 | .204 | .153 | .141 |
| 667-ELJ-PC330KF | ELJ-PC330KF | B | 33 | ±10% | 2.52 | 20 | 2.52 | 16 | 6.5 | 120 | .22 | .204 | .153 | .141 |
| ELJ-PA Series 1210 Case Size | | | | | | | | | | | | | | |
| 667-ELJ-PA1R0MF | ELJ-PA1R0MF | C | 1.0 | ±20% | 7.96 | 7 | 7.96 | 150 | 0.15 | 600 | .22 | .204 | .153 | .141 |
| 667-ELJ-PA1R5MF | ELJ-PA1R5MF | C | 1.5 | ±20% | 7.96 | 7 | 7.96 | 110 | 0.18 | 550 | .22 | .204 | .153 | .141 |
| 667-ELJ-PA2R2MF | ELJ-PA2R2MF | C | 2.2 | ±20% | 7.96 | 7 | 7.96 | 80 | 0.23 | 500 | .22 | .204 | .153 | .141 |
| 667-ELJ-PA3R3MF | ELJ-PA3R3MF | C | 3.3 | ±20% | 7.96 | 7 | 7.96 | 58 | 0.28 | 400 | .22 | .204 | .153 | .141 |
| 667-ELJ-PA4R7MF | ELJ-PA4R7MF | C | 4.7 | ±20% | 7.96 | 7 | 7.96 | 46 | 0.34 | 350 | .22 | .204 | .153 | .141 |
| 667-ELJ-PA6R8MF | ELJ-PA6R8MF | C | 6.8 | ±20% | 7.96 | 7 | 7.96 | 38 | 0.42 | 300 | .22 | .204 | .153 | .141 |
| 667-ELJ-PA100KF | ELJ-PA100KF | C | 10 | ±10% | 2.52 | 15 | 2.52 | 23 | 0.5 | 240 | .22 | .204 | .153 | .141 |
| 667-ELJ-PA120KF | ELJ-PA120KF | C | 12 | ±10% | 2.52 | 15 | 2.52 | 21 | 0.6 | 230 | .22 | .204 | .153 | .141 |
| 667-ELJ-PA150KF | ELJ-PA150KF | C | 15 | ±10% | 2.52 | 15 | 2.52 | 18 | 0.74 | 220 | .22 | .204 | .153 | .141 |
| 667-ELJ-PA180KF | ELJ-PA180KF | C | 18 | ±10% | 2.52 | 15 | 2.52 | 17 | 0.9 | 205 | .22 | .204 | .153 | .141 |
| 667-ELJ-PA220KF | ELJ-PA220KF | C | 22 | ±10% | 2.52 | 15 | 2.52 | 15 | 1.15 | 185 | .22 | .204 | .153 | .141 |
| 667-ELJ-PA270KF | ELJ-PA270KF | C | 27 | ±10% | 2.52 | 15 | 2.52 | 13 | 1.45 | 165 | .22 | .204 | .153 | .141 |
| 667-ELJ-PA330KF | ELJ-PA330KF | C | 33 | ±10% | 2.52 | 15 | 2.52 | 12 | 1.65 | 155 | .22 | .204 | .153 | .141 |
| 667-ELJ-PA390KF | ELJ-PA390KF | C | 39 | ±10% | 2.52 | 15 | 2.52 | 11 | 1.9 | 145 | .22 | .204 | .153 | .141 |
| 667-ELJ-PA470KF | ELJ-PA470KF | C | 47 | ±10% | 2.52 | 15 | 2.52 | 9.5 | 2.25 | 135 | .22 | .204 | .153 | .141 |
| 667-ELJ-PA560KF | ELJ-PA560KF | C | 56 | ±10% | 2.52 | 15 | 2.52 | 8.5 | 3.3 | 110 | .22 | .204 | .153 | .141 |
| 667-ELJ-PA680KF | ELJ-PA680KF | C | 68 | ±10% | 2.52 | 15 | 2.52 | 7.5 | 3.7 | 105 | .22 | .204 | .153 | .141 |
| 667-ELJ-PA820KF | ELJ-PA820KF | C | 82 | ±10% | 2.52 | 15 | 2.52 | 7 | 4.2 | 100 | .22 | .204 | .153 | .141 |
| 667-ELJ-PA101KF | ELJ-PA101KF | C | 100 | ±10% | 0.796 | 20 | 0.796 | 6.5 | 5 | 90 | .22 | .204 | .153 | .141 |
| 667-ELJ-PA121KF | ELJ-PA121KF | C | 120 | ±10% | 0.796 | 20 | 0.796 | 6 | 7 | 75 | .22 | .204 | .153 | .141 |
| 667-ELJ-PA151KF | ELJ-PA151KF | C | 150 | ±10% | 0.796 | 20 | 0.796 | 5.5 | 8 | 70 | .22 | .204 | .153 | .141 |
| 667-ELJ-PA181KF | ELJ-PA181KF | C | 180 | ±10% | 0.796 | 20 | 0.796 | 5 | 9.5 | 65 | .22 | .204 | .153 | .141 |
| 667-ELJ-PA221KF | ELJ-PA221KF | C | 220 | ±10% | 0.796 | 20 | 0.796 | 4 | 11 | 60 | .22 | .204 | .153 | .141 |
| 667-ELJ-PA271KF | ELJ-PA271KF | C | 270 | ±10% | 0.796 | 20 | 0.796 | 3.5 | 14.5 | 55 | .22 | .204 | .153 | .141 |
| 667-ELJ-PA331KF | ELJ-PA331KF | C | 330 | ±10% | 0.796 | 20 | 0.796 | 3 | 16 | 50 | .22 | .204 | .153 | .141 |



Inductors Panasonic