



PART NUMBER SYSTEM (I)

◆ RADIAL LEAD TYPE

| Series | Rated Voltage | Capacitance | Tolerance | Lead Forming Type | Lead Length | Case Dimension | Special Request |
|---|---|--|--------------------------|--------------------------|--------------------------|---|---|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
| <input type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |

(1) Series

| | | | | | | | | | | | | |
|--------|------|------|------|------|----|----|----|----|----|----|----|----|
| Series | SS | SS-H | SB | SB-H | SF | LK | EM | ER | EH | EP | EC | ND |
| | ND-H | LB | LB-H | SM | PF | PW | EL | EB | ED | EK | EV | EJ |
| | EG | EY | RF | PY | TL | TD | TX | PC | LF | LL | PV | PJ |
| | KJ | KY | MW | MV | MJ | PZ | PA | PQ | MZ | MA | MQ | SW |
| | SQ | SP | VW | VQ | VJ | | | | | | | |

(2) Rated Voltage

| | | | | | | | | | | | | | | | | | | | | |
|------|-----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Code | 0J | 1A | 1C | 1E | 1F | 1V | 1H | 1J | 1K | 2A | 2C | 2Z | 2D | 2P | 2E | 2V | 2G | 2S | 2W | 2H |
| WV | 6.3 | 10 | 16 | 25 | 30 | 35 | 50 | 63 | 80 | 100 | 160 | 180 | 200 | 220 | 250 | 350 | 400 | 420 | 450 | 500 |

(3) Capacitance

| | | | | | | | | | | | |
|------|-----|------|-----|-----|-----|-----|-----|-----|------|------|-------|
| Code | R10 | R47 | 010 | 4R7 | 100 | 470 | 101 | 471 | 102 | 472 | 473 |
| μF | 0.1 | 0.47 | 1.0 | 4.7 | 10 | 47 | 100 | 470 | 1000 | 4700 | 47000 |

(4) Capacitance Tolerance

| | | | | | | | |
|------|-----|-----------|----------|------|-----------|------|----------|
| Code | J | Q | R | K | V | M | H |
| % | ± 5 | +30 / -10 | +20 / -0 | ± 10 | +20 / -10 | ± 20 | +20 / -5 |

(5) Lead Type

| | | | | | | | | | | | |
|-------------|-----------|---------|----------------|-------------------|-------|-------|-------|-------|-------|-------|--------|
| Code | N | C | B | D | F | L | T | R | S | E | P |
| Description | Long Lead | Cutting | Kink & Cutting | Forming & Cutting | | | | | | | Taping |
| Drawing | --- | Fig 1 | Fig 2 | Fig 3 | Fig 4 | Fig 5 | Fig 6 | Fig 7 | Fig 8 | Fig 9 | Fig 10 |

(6) Lead Length (Cut / Formed lead)

| | | | | | | | | | | | | | |
|-----------|-----------|-----|-----|-----|-----|-----|------|------|------|------|-----------|-----|------------------------|
| Code | Z | 2 | B | E | G | M | 3 | T | C | D | 4 | 5 | 6 |
| Length | 2.0 | 2.5 | 2.8 | 3.1 | 3.3 | 3.5 | 3.5 | 3.8 | 3.8 | 4.0 | 4.5 | 5.0 | 6.3 |
| Tolerance | +0.3/-0.2 | | | | | | ±0.5 | ±0.3 | ±0.5 | | | | |
| Code | 7 | I | 8 | J | 9 | K | A | L | F | S | H | Q | N |
| Length | 7.0 | 7.5 | 8.0 | 8.5 | 9.0 | 9.5 | 10 | 10.5 | 14.8 | 1.0 | 12 | 3.6 | ◎19mm min ◎15mm min |
| Tolerance | ±0.5 | | | | | | | ±0.3 | | ±1.0 | +0.3/-0.2 | | |

Taping Code

| | | | | | |
|----------------------|-----|-----|-----|-----|-----|
| Code | Z | 2 | 3 | 5 | I |
| Lead Pitch:+0.8/-0.2 | 2.0 | 2.5 | 3.5 | 5.0 | 7.5 |

(7) Case Dimension

| | | | | | | | | | | | | |
|------|-------|-------|--------|---------|---------|-------|---------|---------|---------|---------|---------|-------|
| Code | 0407 | 0511 | 6311 | 08B5 | 10C5 | 1016 | 1225 | 16N3 | 16P1 | 18N3 | 18P1 | 1840 |
| Size | 04x07 | 05x11 | 6.3x11 | 08x11.5 | 10x12.5 | 10x16 | 12.5x25 | 16x31.5 | 16x35.5 | 18x31.5 | 18x35.5 | 18x40 |

(8) Special Request

| | | | | |
|-------------|---------------------------|---------------------|---------------------|------------------------|
| Code | R | F | L | D |
| Description | High Rated ripple current | Endurance | Low Leakage Current | Low Dissipation Factor |
| Code | H | E | P | --- |
| Description | High Temperature | Low Impedance & ESR | PET Sleeve | --- |



PART NUMBER SYSTEM (II)

◆ **SNAP-IN TYPE**

| Series | Rated Voltage | Capacitance | Tolerance | Lead Forming Type | Lead Length | Case Dimension | Special Request |
|--|---|--|--------------------------|--------------------------|--------------------------|---|---|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
| <input type="checkbox"/> <input type="checkbox"/> (<input type="checkbox"/>) | <input type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |

(1) Series

| Series | GM | GR | GSF | GVF | PM | PL | PK | PT | PG | PO | PI |
|--------|----|----|-----|-----|----|----|----|----|----|----|----|
| | TG | GD | PX | | | | | | | | |

(2) Rated Voltage

| Code | 1C | 1E | 1F | 1V | 1H | 1J | 1K | 2A | 2C | 2Z | 2D | 2P | 2E | 2V | 2G | 2S | 2W | 2H |
|------|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| WV | 16 | 25 | 30 | 35 | 50 | 63 | 80 | 100 | 160 | 180 | 200 | 220 | 250 | 350 | 400 | 420 | 450 | 500 |

(3) Capacitance

| Code | 470 | 101 | 471 | 102 | 472 | 473 | 683 |
|------|-----|-----|-----|------|------|-------|-------|
| μF | 47 | 100 | 470 | 1000 | 4700 | 47000 | 68000 |

(4) Capacitance Tolerance

| Code | J | Q | R | K | V | M | H |
|------|-----|-----------|----------|------|-----------|------|----------|
| % | ± 5 | +30 / -10 | +20 / -0 | ± 10 | +20 / -10 | ± 20 | +20 / -5 |

(5) Lead Forming Type

| Code | K | N | R |
|-------------|----------------|------------------|-------------------|
| Description | Four Terminals | Snap-in Terminal | Forming & Cutting |

(6) Terminal Length

| Code | D | 4 | N | 6 |
|-----------|------|------|------|------|
| Length | 4.0 | 4.5 | 5.5 | 6.3 |
| Tolerance | ±0.5 | ±0.5 | ±0.5 | ±1.0 |

(7) Case Dimension

| Code | 2225 | 2530 | 2545 | 2550 | 3035 | 3540 | 3550 |
|------|---------|---------|---------|---------|---------|---------|---------|
| Size | 22 x 25 | 25 x 30 | 25 x 45 | 25 x 50 | 30 x 35 | 35 x 40 | 35 x 50 |

(8) Special Request

| Code | R | F | L | D |
|-------------|---------------------------|---------------------|---------------------|------------------------|
| Description | High Rated ripple current | Endurance | Low Leakage Current | Low Dissipation Factor |
| Code | H | E | P | --- |
| Description | High Temperature | Low Impedance & ESR | PET Sleeve | --- |



PART NUMBER SYSTEM (III)

◆ SPECIAL TYPE

| Series | Rated Voltage | Capacitance | Tolerance | Terminal Forming Type | Case Dimension | Special Request |
|---|---|--|--------------------------|---|---|---|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
| <input type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |

(1) Series

| Series | AQ | AN | SC | SA | SK | SX | SL | | |
|--------|----|----|----|----|----|----|----|--|--|
| | | | | | | | | | |

(2) Rated Voltage

| Code | 1C | 1E | 1F | 1V | 1H | 1J | 1K | 2A | 2C | 2Z | 2D | 2P | 2E | 2V | 2G | 2S | 2W | 2H | 2L | 2J |
|------|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| WV | 16 | 25 | 30 | 35 | 50 | 63 | 80 | 100 | 160 | 180 | 200 | 220 | 250 | 350 | 400 | 420 | 450 | 500 | 550 | 600 |

(3) Capacitance

| Code | R10 | R47 | 010 | 4R7 | 100 | 470 | 101 | 471 | 102 | 472 | 473 |
|------|-----|------|-----|-----|-----|-----|-----|-----|------|------|-------|
| μF | 0.1 | 0.47 | 1.0 | 4.7 | 10 | 47 | 100 | 470 | 1000 | 4700 | 47000 |

(4) Capacitance Tolerance

| Code | J | Q | R | K | V | M | H |
|------|-----|-----------|----------|------|-----------|------|----------|
| % | ± 5 | +30 / -10 | +20 / -0 | ± 10 | +20 / -10 | ± 20 | +20 / -5 |

(5) Terminal Forming Type

| Code | AC | HU | LS (Screw M5×10) | LA (Screw M5×13) | LB (Screw M6×17) | CA | CL |
|-------------|------------------------|------------------------|---------------------|---------------------|---------------------|------------------|--------------|
| Description | Two Parts of Terminals | Two Vertical Terminals | Two Screw Terminals | | | Snap-in Terminal | Lug Terminal |

(6) Case Dimension

| Code | 3535 | 4095 | 40A5 | 51A5 | 51C0 | 64A0 | 64B0 | 76E3 | 76L5 | 90F0 | 90H0 | 90J0 | 90K5 | 90N0 |
|------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Size | 35x35 | 40x95 | 40x105 | 51x105 | 51x120 | 64x100 | 64x110 | 76x143 | 76x215 | 90x150 | 90x170 | 90x190 | 90x205 | 90x230 |

(7) Special Request

| Code | R | F | L | D |
|-------------|---------------------------|---------------------|---------------------|------------------------|
| Description | High Rated ripple current | Endurance | Low Leakage Current | Low Dissipation Factor |
| Code | H | E | P | --- |
| Description | High Temperature | Low Impedance & ESR | PET Sleeve | --- |