

3-terminal filters
For power line
Feed through filter



YFF-P series



FEATURES

- Reduction in ESR, ESL and impedance due to the feed-through structure
- Superior attenuation characteristic in wide bandwidth
- Contributes to reduction in the number of decoupling MLCCs
- Available for large current (2 to 6A)

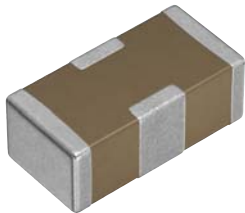
APPLICATION

- EMC countermeasures and decoupling applications in power lines for communication terminal devices such as smartphones, AV and information devices

PART NUMBER CONSTRUCTION

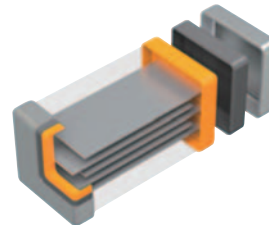
| YFF | 31 | PC | 0J | 226 | M | T | □□ | 0 | N | | | | | | | |
|-------------|----------------|---------|-----------------------|-----------------|---------------|------|---------------------|---------------------|-----------------------|-----------------|-------------------|-----------|---|-------------------|---|-----------------------|
| Series name | LxW dimensions | | Product internal code | | Rated voltage | | Nominal capacitance | | Capacitance tolerance | Packaging style | TDK internal code | Reel size | | TDK internal code | | |
| | Code | mm | | | | | | | | | | | | | | |
| | 15 | 1.0x0.5 | PC | Standard type | 0G | 4V | 104 | 100,000pF | M | ±20% | T | Taping | 0 | ø178mm | N | Internal electrode Ni |
| | 18 | 1.6x0.8 | PH | Thickness 0.8mm | 0J | 6.3V | 105 | 1,000,000pF (1.0µF) | | | | | 9 | ø330mm | | |
| | 21 | 2.0x1.2 | PW | Low ESL type | 1A | 10V | | | | | | | | | | |
| | 31 | 3.2x1.6 | | | 1C | 16V | | | | | | | | | | |
| | | | | | | | 435 | 4,300,000pF (4.3µF) | | | | | | | | |
| | | | | | | | 226 | 22,000,000pF (22µF) | | | | | | | | |

PRODUCT APPEARANCE



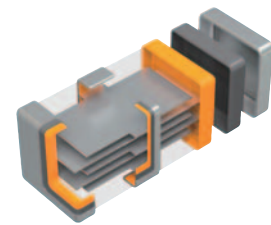
PRODUCT STRUCTURES

MLCC



Internal electrodes are not conducting between terminal electrodes

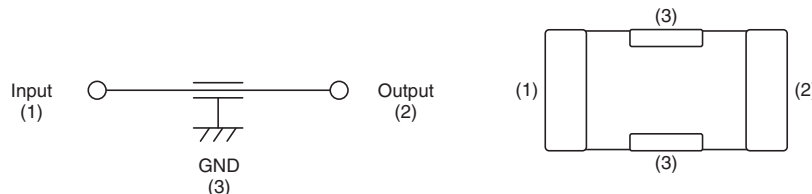
YFF type



Feed-through structure that direct current passes inside the component

■ Sn
■ Ni
■ Cu

EQUIVALENT CIRCUIT



YFF15PC type

ELECTRICAL CHARACTERISTICS

CHARACTERISTICS SPECIFICATION TABLE

| Insertion loss 40dB bandwidth (MHz) | Rated voltage Edc (V) | Rated current Idc (A) | DC resistance (Max.) Rdc (mΩ) | Operating temperature range (°C) | Storage temperature range (After mount) (°C) | Catalog part numbers |
|---|-----------------------------|-----------------------------|-------------------------------------|--|--|------------------------------------|
| 0.3 to 1700 | 4 | 2 | 12 | -55 to +85 | -55 to +85 | YFF15PC0G435MT000N |
| 0.3 to 1700 | 4 | 2 | 12 | -55 to +85 | -55 to +85 | YFF15PC0G435MT009N |
| 0.8 to 1800 | 6.3 | 3 | 12 | -55 to +105 | -55 to +105 | YFF15PC0J105MT000N |
| 0.8 to 1800 | 6.3 | 3 | 12 | -55 to +105 | -55 to +105 | YFF15PC0J105MT009N |
| 0.8 to 1800 | 4 | 3 | 12 | -55 to +105 | -55 to +105 | YFF15PC0G105MT000N |
| 0.8 to 1800 | 4 | 3 | 12 | -55 to +105 | -55 to +105 | YFF15PC0G105MT009N |
| 2 to 1700 | 6.3 | 3 | 30 | -55 to +105 | -55 to +105 | YFF15PC0J474MT000N |
| 2 to 1700 | 6.3 | 3 | 30 | -55 to +105 | -55 to +105 | YFF15PC0J474MT009N |
| 4 to 1300 | 10 | 3 | 30 | -55 to +105 | -55 to +105 | YFF15PC1A224MT000N |
| 4 to 1300 | 10 | 3 | 30 | -55 to +105 | -55 to +105 | YFF15PC1A224MT009N |
| 9 to 1300 | 16 | 3 | 30 | -55 to +105 | -55 to +105 | YFF15PC1C104MT000N |
| 9 to 1300 | 16 | 3 | 30 | -55 to +105 | -55 to +105 | YFF15PC1C104MT009N |

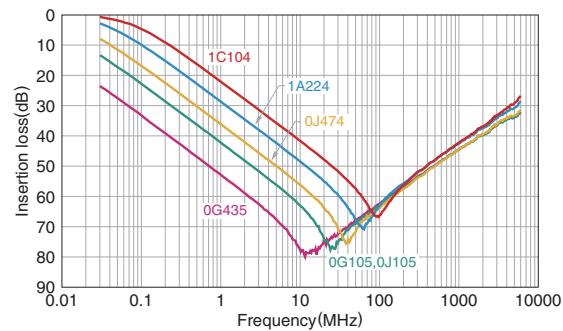
Click the part number for details.

The rated current depends on the operating temperature. For details, refer to RATED CURRENT DERATING graph below.

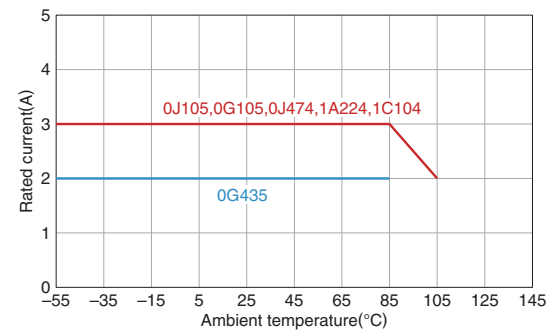
The maximum operating temperature includes capacitor self-heating of up to 20°C.

ELECTRICAL CHARACTERISTICS GRAPH

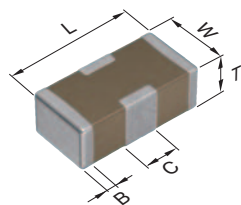
INSERTION LOSS vs. FREQUENCY



RATED CURRENT DERATING

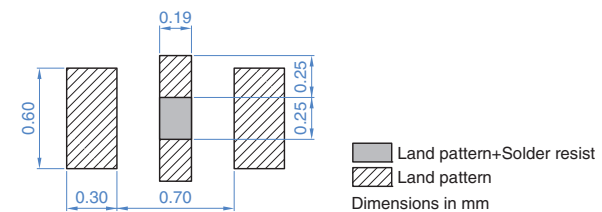


SHAPE & DIMENSIONS



| | |
|---|--------------------|
| L | Body length |
| W | Body width |
| T | Body height |
| B | Terminal width |
| C | GND terminal width |

RECOMMENDED LAND PATTERN



Connect GND terminals and GND of circuit boards by using such as through-holes so that the distance between them becomes the shortest.

| L (mm) | W (mm) | T (mm) | B (mm) | C (mm) | Reel size (mm) | Package quantity (pcs./reel) | Catalog part numbers |
|-----------|-----------|-----------|-----------|-----------|----------------|------------------------------|------------------------------------|
| 1.05±0.05 | 0.65±0.05 | 0.45±0.05 | 0.09 min. | 0.30±0.10 | ø178 | 10,000 | YFF15PC0G435MT000N |
| 1.05±0.05 | 0.65±0.05 | 0.45±0.05 | 0.09 min. | 0.30±0.10 | ø330 | 50,000 | YFF15PC0G435MT009N |
| 1.00±0.05 | 0.55±0.05 | 0.30±0.05 | 0.09 min. | 0.30±0.10 | ø178 | 10,000 | YFF15PC0J105MT000N |
| 1.00±0.05 | 0.55±0.05 | 0.30±0.05 | 0.09 min. | 0.30±0.10 | ø330 | 50,000 | YFF15PC0J105MT009N |
| 1.00±0.05 | 0.55±0.05 | 0.30±0.05 | 0.09 min. | 0.30±0.10 | ø178 | 10,000 | YFF15PC0G105MT000N |
| 1.00±0.05 | 0.55±0.05 | 0.30±0.05 | 0.09 min. | 0.30±0.10 | ø330 | 50,000 | YFF15PC0G105MT009N |
| 1.00±0.05 | 0.55±0.05 | 0.30±0.05 | 0.09 min. | 0.30±0.10 | ø178 | 10,000 | YFF15PC0J474MT000N |
| 1.00±0.05 | 0.55±0.05 | 0.30±0.05 | 0.09 min. | 0.30±0.10 | ø330 | 50,000 | YFF15PC0J474MT009N |
| 1.00±0.05 | 0.55±0.05 | 0.30±0.05 | 0.09 min. | 0.30±0.10 | ø178 | 10,000 | YFF15PC1A224MT000N |
| 1.00±0.05 | 0.55±0.05 | 0.30±0.05 | 0.09 min. | 0.30±0.10 | ø330 | 50,000 | YFF15PC1A224MT009N |
| 1.00±0.05 | 0.55±0.05 | 0.30±0.05 | 0.09 min. | 0.30±0.10 | ø178 | 10,000 | YFF15PC1C104MT000N |
| 1.00±0.05 | 0.55±0.05 | 0.30±0.05 | 0.09 min. | 0.30±0.10 | ø330 | 50,000 | YFF15PC1C104MT009N |

Click the part number for details.

⚠ Please be sure to request delivery specifications that provide further details on the features and specifications of the products for proper and safe use. (2/8)
Please note that the contents may change without any prior notice due to reasons such as upgrading.

20220630

3tf_commercial_power_yff-p-en

YFF18PC type

ELECTRICAL CHARACTERISTICS

CHARACTERISTICS SPECIFICATION TABLE

| Insertion loss 40dB bandwidth (MHz) | Rated voltage Edc (V) | Rated current Idc (A) | DC resistance (Max.) Rdc (mΩ) | Operating temperature range (°C) | Storage temperature range (After mount) (°C) | Catalog part numbers |
|---|-----------------------------|-----------------------------|-------------------------------------|--|--|------------------------------------|
| 0.2 to 1500 | 6.3 | 4 | 12 | -55 to +85 | -55 to +85 | YFF18PC0J475MT0H0N |
| 0.2 to 1500 | 6.3 | 4 | 12 | -55 to +85 | -55 to +85 | YFF18PC0J475MT0H9N |
| 0.8 to 1600 | 6.3 | 4 | 12 | -55 to +105 | -55 to +105 | YFF18PC0J105MT0H0N |
| 0.8 to 1600 | 6.3 | 4 | 12 | -55 to +105 | -55 to +105 | YFF18PC0J105MT0H9N |
| 2 to 1100 | 6.3 | 4 | 30 | -55 to +125 | -55 to +125 | YFF18PC0J474MT0H0N |
| 2 to 1100 | 6.3 | 4 | 30 | -55 to +125 | -55 to +125 | YFF18PC0J474MT0H9N |
| 3 to 1800 | 6.3 | 4 | 30 | -55 to +125 | -55 to +125 | YFF18PC0J224MT0H0N |
| 3 to 1800 | 6.3 | 4 | 30 | -55 to +125 | -55 to +125 | YFF18PC0J224MT0H9N |
| 7 to 1100 | 16 | 4 | 30 | -55 to +125 | -55 to +125 | YFF18PC1C104MT0H0N |
| 7 to 1100 | 16 | 4 | 30 | -55 to +125 | -55 to +125 | YFF18PC1C104MT0H9N |

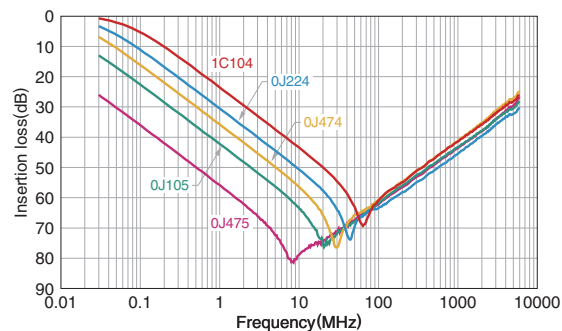
Click the part number for details.

The rated current depends on the operating temperature. For details, refer to RATED CURRENT DERATING graph below.

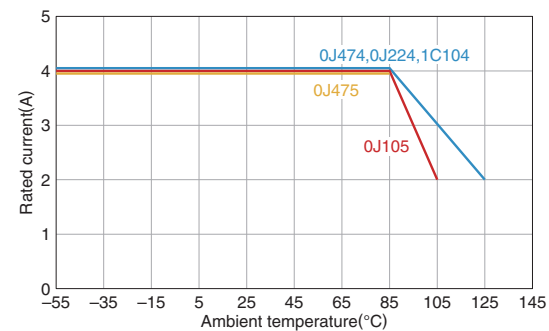
The maximum operating temperature includes capacitor self-heating of up to 20°C.

ELECTRICAL CHARACTERISTICS GRAPH

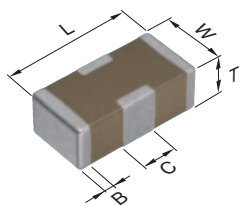
INSERTION LOSS vs. FREQUENCY



RATED CURRENT DERATING

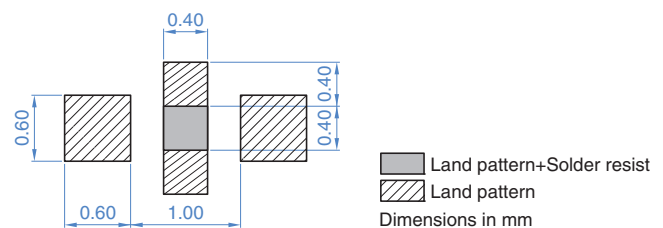


SHAPE & DIMENSIONS



| | |
|---|--------------------|
| L | Body length |
| W | Body width |
| T | Body height |
| B | Terminal width |
| C | GND terminal width |

RECOMMENDED LAND PATTERN



Connect GND terminals and GND of circuit boards by using such as through-holes so that the distance between them becomes the shortest.

| L (mm) | W (mm) | T (mm) | B (mm) | C (mm) | Reel size (mm) | Package quantity (pcs./reel) | Catalog part numbers |
|-----------|-----------|-----------|-----------|-----------|----------------|------------------------------|------------------------------------|
| 1.60±0.20 | 0.80±0.10 | 0.60±0.10 | 0.25±0.15 | 0.40±0.10 | ø178 | 4,000 | YFF18PC0J475MT0H0N |
| 1.60±0.20 | 0.80±0.10 | 0.60±0.10 | 0.25±0.15 | 0.40±0.10 | ø330 | 10,000 | YFF18PC0J475MT0H9N |
| 1.60±0.20 | 0.80±0.10 | 0.60±0.10 | 0.25±0.15 | 0.40±0.10 | ø178 | 4,000 | YFF18PC0J105MT0H0N |
| 1.60±0.20 | 0.80±0.10 | 0.60±0.10 | 0.25±0.15 | 0.40±0.10 | ø330 | 10,000 | YFF18PC0J105MT0H9N |
| 1.60±0.20 | 0.80±0.10 | 0.60±0.10 | 0.25±0.15 | 0.40±0.10 | ø178 | 4,000 | YFF18PC0J474MT0H0N |
| 1.60±0.20 | 0.80±0.10 | 0.60±0.10 | 0.25±0.15 | 0.40±0.10 | ø330 | 10,000 | YFF18PC0J474MT0H9N |
| 1.60±0.20 | 0.80±0.10 | 0.60±0.10 | 0.25±0.15 | 0.40±0.10 | ø178 | 4,000 | YFF18PC0J224MT0H0N |
| 1.60±0.20 | 0.80±0.10 | 0.60±0.10 | 0.25±0.15 | 0.40±0.10 | ø330 | 10,000 | YFF18PC0J224MT0H9N |
| 1.60±0.20 | 0.80±0.10 | 0.60±0.10 | 0.25±0.15 | 0.40±0.10 | ø178 | 4,000 | YFF18PC1C104MT0H0N |
| 1.60±0.20 | 0.80±0.10 | 0.60±0.10 | 0.25±0.15 | 0.40±0.10 | ø330 | 10,000 | YFF18PC1C104MT0H9N |

Click the part number for details.

YFF18PH type

ELECTRICAL CHARACTERISTICS

CHARACTERISTICS SPECIFICATION TABLE

| Insertion loss 40dB bandwidth (MHz) | Rated voltage Edc (V) | Rated current Idc (A) | DC resistance (Max.) Rdc (mΩ) | Operating temperature range (°C) | Storage temperature range (After mount) (°C) | Catalog part numbers |
|---|-----------------------------|-----------------------------|-------------------------------------|--|--|------------------------------------|
| 0.3 to 1700 | 6.3 | 4 | 10 | -55 to +125 | -55 to +125 | YFF18PH0J106MT00HE |
| 0.4 to 1500 | 6.3 | 4 | 12 | -55 to +85 | -55 to +85 | YFF18PH0J225MT000N |
| 0.4 to 1500 | 6.3 | 4 | 12 | -55 to +85 | -55 to +85 | YFF18PH0J225MT009N |
| 0.7 to 1100 | 6.3 | 4 | 12 | -55 to +105 | -55 to +105 | YFF18PH0J105MT000N |
| 0.7 to 1100 | 6.3 | 4 | 12 | -55 to +105 | -55 to +105 | YFF18PH0J105MT009N |

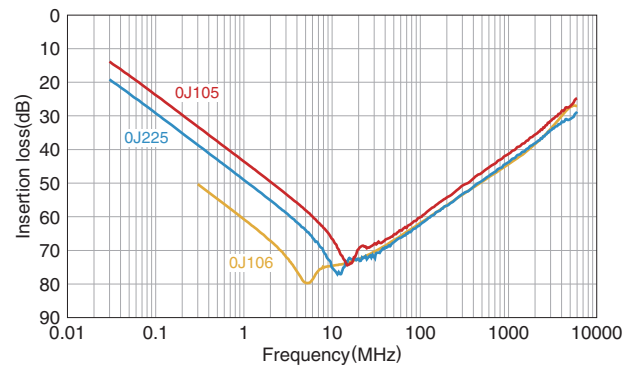
Click the part number for details.

The rated current depends on the operating temperature. For details, refer to RATED CURRENT DERATING graph below.

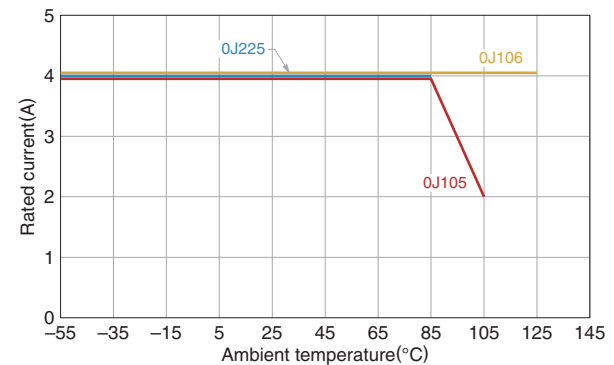
The maximum operating temperature includes capacitor self-heating of up to 20°C.

ELECTRICAL CHARACTERISTICS GRAPH

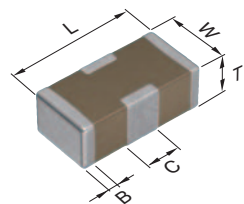
INSERTION LOSS vs. FREQUENCY



RATED CURRENT DERATING

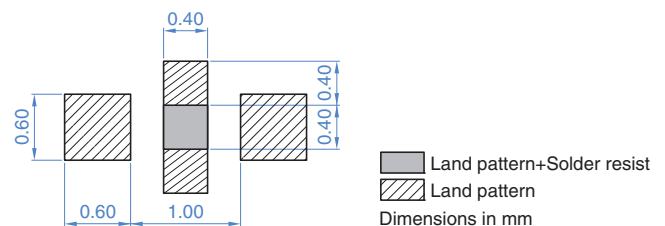


SHAPE & DIMENSIONS



| | |
|---|--------------------|
| L | Body length |
| W | Body width |
| T | Body height |
| B | Terminal width |
| C | GND terminal width |

RECOMMENDED LAND PATTERN



Connect GND terminals and GND of circuit boards by using such as through-holes so that the distance between them becomes the shortest.

| L (mm) | W (mm) | T (mm) | B (mm) | C (mm) | Reel size (mm) | Package quantity (pcs./reel) | Catalog part numbers |
|-----------------|-----------------|-----------------|-----------|-----------|----------------|------------------------------|------------------------------------|
| 1.60+0.30,-0.10 | 0.80+0.30,-0.10 | 0.80+0.30,-0.10 | 0.25±0.20 | 0.40±0.20 | ø178 | 3,000 | YFF18PH0J106MT00HE |
| 1.60±0.20 | 0.80±0.10 | 0.80±0.10 | 0.25±0.15 | 0.40±0.10 | ø178 | 4,000 | YFF18PH0J225MT000N |
| 1.60±0.20 | 0.80±0.10 | 0.80±0.10 | 0.25±0.15 | 0.40±0.10 | ø330 | 10,000 | YFF18PH0J225MT009N |
| 1.60±0.20 | 0.80±0.10 | 0.80±0.10 | 0.25±0.15 | 0.40±0.10 | ø178 | 4,000 | YFF18PH0J105MT000N |
| 1.60±0.20 | 0.80±0.10 | 0.80±0.10 | 0.25±0.15 | 0.40±0.10 | ø330 | 10,000 | YFF18PH0J105MT009N |

Click the part number for details.

YFF18PW type

ELECTRICAL CHARACTERISTICS

CHARACTERISTICS SPECIFICATION TABLE

| Insertion loss 40dB bandwidth (MHz) | Rated voltage Edc (V) | Rated current Idc (A) | DC resistance (Max.) Rdc (mΩ) | Operating temperature range (°C) | Storage temperature range (After mount) (°C) | Catalog part numbers |
|---|-----------------------------|-----------------------------|-------------------------------------|--|--|------------------------------------|
| 0.2 to 2700 | 6.3 | 4 | 12 | -55 to +85 | -55 to +85 | YFF18PWQJ475MT0H0N |
| 0.2 to 2700 | 6.3 | 4 | 12 | -55 to +85 | -55 to +85 | YFF18PWQJ475MT0H9N |
| 0.8 to 2400 | 6.3 | 4 | 30 | -55 to +105 | -55 to +105 | YFF18PWQJ105MT0H0N |
| 0.8 to 2400 | 6.3 | 4 | 30 | -55 to +105 | -55 to +105 | YFF18PWQJ105MT0H9N |
| 2 to 2400 | 6.3 | 4 | 30 | -55 to +125 | -55 to +125 | YFF18PWQJ474MT0H0N |
| 2 to 2400 | 6.3 | 4 | 30 | -55 to +125 | -55 to +125 | YFF18PWQJ474MT0H9N |

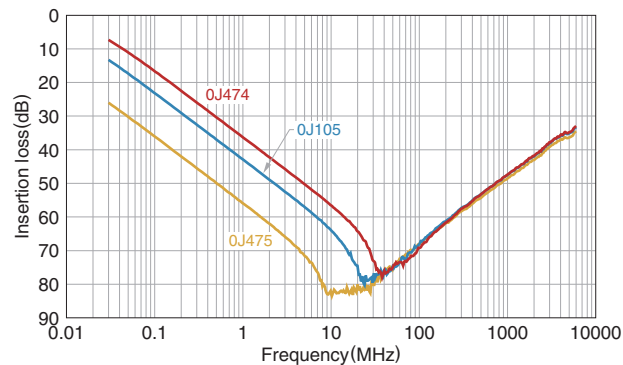
Click the part number for details.

The rated current depends on the operating temperature. For details, refer to RATED CURRENT DERATING graph below.

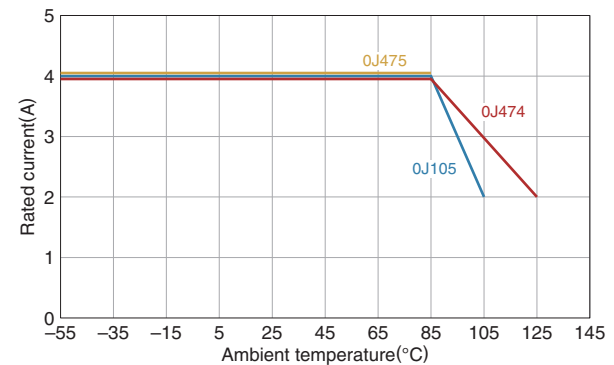
The maximum operating temperature includes capacitor self-heating of up to 20°C.

ELECTRICAL CHARACTERISTICS GRAPH

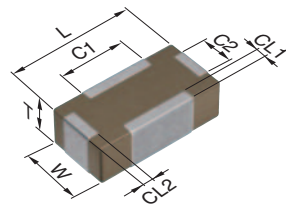
INSERTION LOSS vs. FREQUENCY



RATED CURRENT DERATING

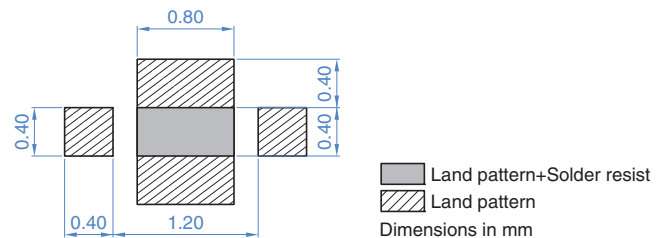


SHAPE & DIMENSIONS



| | |
|-----|----------------------|
| L | Body length |
| W | Body width |
| T | Body height |
| C1 | GND terminal width 1 |
| CL1 | GND terminal width 2 |
| C2 | Terminal width 1 |
| CL2 | Terminal width 2 |

RECOMMENDED LAND PATTERN



Connect GND terminals and GND of circuit boards by using such as through-holes so that the distance between them becomes the shortest.

| L (mm) | W (mm) | T (mm) | C1 (mm) | CL1 (mm) | C2 (mm) | CL2 (mm) | Reel size(mm) | Package quantity (pcs./reel) | Catalog part numbers |
|-----------|-----------|-----------|-----------------|-----------|-----------|-----------|---------------|---------------------------------|------------------------------------|
| 1.60±0.10 | 0.80±0.10 | 0.60±0.10 | 0.80+0.20,-0.10 | 0.15±0.10 | 0.40±0.10 | 0.15±0.10 | φ178 | 4,000 | YFF18PWQJ475MT0H0N |
| 1.60±0.10 | 0.80±0.10 | 0.60±0.10 | 0.80+0.20,-0.10 | 0.15±0.10 | 0.40±0.10 | 0.15±0.10 | φ330 | 10,000 | YFF18PWQJ475MT0H9N |
| 1.60±0.10 | 0.80±0.10 | 0.60±0.10 | 0.80+0.20,-0.10 | 0.15±0.10 | 0.40±0.10 | 0.15±0.10 | φ178 | 4,000 | YFF18PWQJ105MT0H0N |
| 1.60±0.10 | 0.80±0.10 | 0.60±0.10 | 0.80+0.20,-0.10 | 0.15±0.10 | 0.40±0.10 | 0.15±0.10 | φ330 | 10,000 | YFF18PWQJ105MT0H9N |
| 1.60±0.10 | 0.80±0.10 | 0.60±0.10 | 0.80+0.20,-0.10 | 0.15±0.10 | 0.40±0.10 | 0.15±0.10 | φ178 | 4,000 | YFF18PWQJ474MT0H0N |
| 1.60±0.10 | 0.80±0.10 | 0.60±0.10 | 0.80+0.20,-0.10 | 0.15±0.10 | 0.40±0.10 | 0.15±0.10 | φ330 | 10,000 | YFF18PWQJ474MT0H9N |

Click the part number for details.

YFF21PC type

ELECTRICAL CHARACTERISTICS

CHARACTERISTICS SPECIFICATION TABLE

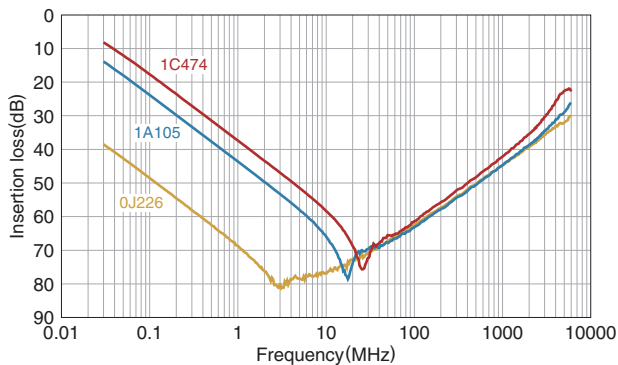
| Insertion loss 40dB bandwidth (MHz) | Rated voltage Edc (V) | Rated current Idc (A) | DC resistance (Max.) Rdc (mΩ) | Operating temperature range (°C) | Storage temperature range (After mount) (°C) | Catalog part numbers |
|---|-----------------------------|-----------------------------|-------------------------------------|--|--|------------------------------------|
| 0.04 to 1700 | 6.3 | 4 | 5 | -55 to +85 | -55 to +85 | YFF21PC0J226MT000N |
| 0.04 to 1700 | 6.3 | 4 | 5 | -55 to +85 | -55 to +85 | YFF21PC0J226MT009N |
| 0.7 to 1600 | 10 | 4 | 12 | -55 to +85 | -55 to +85 | YFF21PC1A105MT000N |
| 0.7 to 1600 | 10 | 4 | 12 | -55 to +85 | -55 to +85 | YFF21PC1A105MT009N |
| 2 to 1200 | 16 | 2 | 30 | -55 to +125 | -55 to +125 | YFF21PC1C474MT000N |
| 2 to 1200 | 16 | 2 | 30 | -55 to +125 | -55 to +125 | YFF21PC1C474MT009N |

Click the part number for details.

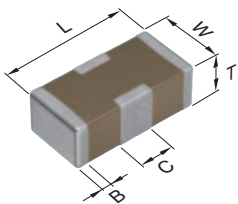
The maximum operating temperature includes capacitor self-heating of up to 20°C.

ELECTRICAL CHARACTERISTICS GRAPH

INSERTION LOSS vs. FREQUENCY

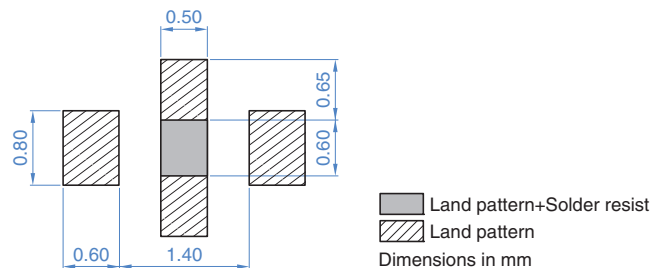


SHAPE & DIMENSIONS



| | |
|---|--------------------|
| L | Body length |
| W | Body width |
| T | Body height |
| B | Terminal width |
| C | GND terminal width |

RECOMMENDED LAND PATTERN



Connect GND terminals and GND of circuit boards by using such as through-holes so that the distance between them becomes the shortest.

| L (mm) | W (mm) | T (mm) | B (mm) | C (mm) | Reel size (mm) | Package quantity (pcs./reel) | Catalog part numbers |
|-----------|-----------|-----------|-----------|-----------|----------------|------------------------------|------------------------------------|
| 2.00±0.20 | 1.25±0.20 | 0.85±0.15 | 0.30±0.10 | 0.45±0.15 | ø178 | 4,000 | YFF21PC0J226MT000N |
| 2.00±0.20 | 1.25±0.20 | 0.85±0.15 | 0.30±0.10 | 0.45±0.15 | ø330 | 10,000 | YFF21PC0J226MT009N |
| 2.00±0.20 | 1.25±0.20 | 0.85±0.15 | 0.30±0.10 | 0.45±0.15 | ø178 | 4,000 | YFF21PC1A105MT000N |
| 2.00±0.20 | 1.25±0.20 | 0.85±0.15 | 0.30±0.10 | 0.45±0.15 | ø330 | 10,000 | YFF21PC1A105MT009N |
| 2.00±0.20 | 1.25±0.20 | 0.85±0.15 | 0.30±0.10 | 0.45±0.15 | ø178 | 4,000 | YFF21PC1C474MT000N |
| 2.00±0.20 | 1.25±0.20 | 0.85±0.15 | 0.30±0.10 | 0.45±0.15 | ø330 | 10,000 | YFF21PC1C474MT009N |

Click the part number for details.

YFF31PC type

ELECTRICAL CHARACTERISTICS

CHARACTERISTICS SPECIFICATION TABLE

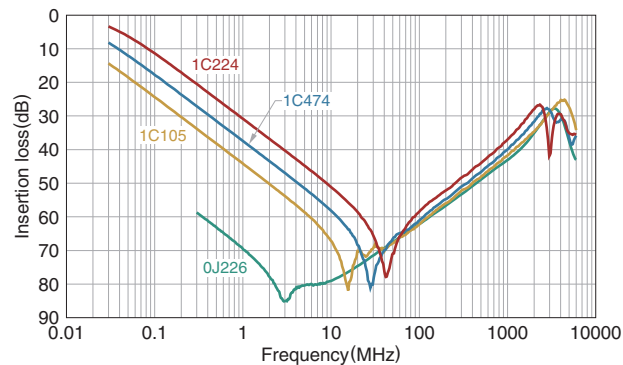
| Insertion loss 40dB bandwidth (MHz) | Rated voltage Edc (V) | Rated current Idc (A) | DC resistance (Max.) Rdc (mΩ) | Operating temperature range (°C) | Storage temperature range (After mount) (°C) | Catalog part numbers |
|---|-----------------------------|-----------------------------|-------------------------------------|--|--|------------------------------------|
| 0.3 to 1300 | 6.3 | 6 | 5 | -55 to +125 | -55 to +125 | YFF31PC0J226MTJ00N |
| 0.7 to 1200 | 16 | 2 | 40 | -55 to +125 | -55 to +125 | YFF31PC1C105MT000N |
| 0.7 to 1200 | 16 | 2 | 40 | -55 to +125 | -55 to +125 | YFF31PC1C105MT009N |
| 2 to 1000 | 16 | 2 | 40 | -55 to +125 | -55 to +125 | YFF31PC1C474MT000N |
| 2 to 1000 | 16 | 2 | 40 | -55 to +125 | -55 to +125 | YFF31PC1C474MT009N |
| 3 to 700 | 16 | 2 | 40 | -55 to +125 | -55 to +125 | YFF31PC1C224MT000N |
| 3 to 700 | 16 | 2 | 40 | -55 to +125 | -55 to +125 | YFF31PC1C224MT009N |

Click the part number for details.

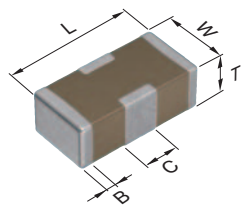
The maximum operating temperature includes capacitor self-heating of up to 20°C.

ELECTRICAL CHARACTERISTICS GRAPH

INSERTION LOSS vs. FREQUENCY

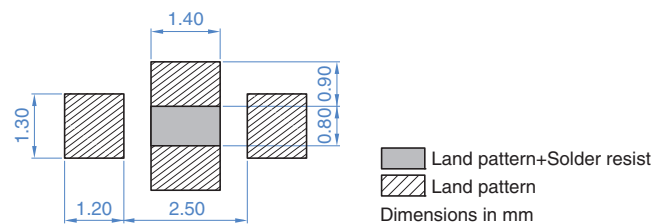


SHAPE & DIMENSIONS



| | |
|---|--------------------|
| L | Body length |
| W | Body width |
| T | Body height |
| B | Terminal width |
| C | GND terminal width |

RECOMMENDED LAND PATTERN



Connect GND terminals and GND of circuit boards by using such as through-holes so that the distance between them becomes the shortest.

| L (mm) | W (mm) | T (mm) | B (mm) | C (mm) | Reel size (mm) | Package quantity (pcs./reel) | Catalog part numbers |
|-----------|-----------|-----------|-----------|-----------|----------------|------------------------------|------------------------------------|
| 3.20±0.20 | 1.60±0.20 | 1.30±0.20 | 0.40±0.30 | 1.10±0.40 | ø178 | 2,000 | YFF31PC0J226MTJ00N |
| 3.20±0.20 | 1.60±0.20 | 1.30±0.20 | 0.40±0.30 | 0.95±0.25 | ø178 | 2,000 | YFF31PC1C105MT000N |
| 3.20±0.20 | 1.60±0.20 | 1.30±0.20 | 0.40±0.30 | 0.95±0.25 | ø330 | 10,000 | YFF31PC1C105MT009N |
| 3.20±0.20 | 1.60±0.20 | 1.30±0.20 | 0.40±0.30 | 0.95±0.25 | ø178 | 2,000 | YFF31PC1C474MT000N |
| 3.20±0.20 | 1.60±0.20 | 1.30±0.20 | 0.40±0.30 | 0.95±0.25 | ø330 | 10,000 | YFF31PC1C474MT009N |
| 3.20±0.20 | 1.60±0.20 | 1.30±0.20 | 0.40±0.30 | 0.95±0.25 | ø178 | 2,000 | YFF31PC1C224MT000N |
| 3.20±0.20 | 1.60±0.20 | 1.30±0.20 | 0.40±0.30 | 0.95±0.25 | ø330 | 10,000 | YFF31PC1C224MT009N |

Click the part number for details.

REMINDERS FOR USING THESE PRODUCTS

Before using these products, be sure to request the delivery specifications.

SAFETY REMINDERS

Please pay sufficient attention to the warnings for safe designing when using this products.

REMINDERS

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- | | |
|--|--|
| (1) Aerospace/aviation equipment | (8) Public information-processing equipment |
| (2) Transportation equipment (cars, electric trains, ships, etc.) | (9) Military equipment |
| (3) Medical equipment (excepting Pharmaceutical Affairs Law classification Class1,2) | (10) Electric heating apparatus, burning equipment |
| (4) Power-generation control equipment | (11) Disaster prevention/crime prevention equipment |
| (5) Atomic energy-related equipment | (12) Safety equipment |
| (6) Seabed equipment | (13) Other applications that are not considered general-purpose applications |
| (7) Transportation control equipment | |

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