



THT, Radial E-Cap., Snap-In, Long Life, Best for switching Power Supplies, Load Life 3000 hours at 85°C , ROHS Conform, Packing Box

| Items | | Performance Characteristics | | | | | | | | | |
|---|--|--|------|------|------|------|------|------|---------|-----------------------------------|------|
| Operating temperature range | | -40°C +85°C (10V ~ 250V); -25°C ~ +85°C (350V ~ 450V) | | | | | | | | | |
| Leakage current max. | | I = 3√CV μA (after 5 minutes) | | | | | | | | | |
| | | | | | | | | | | | |
| Capacitance tolerance | | ±20% at 120Hz, 20°C | | | | | | | | | |
| Dissipation factor max. (at 120Hz, 20°C) | | WV | 10 | 16 | 25 | 35 | 50 | 63 | 80, 100 | 160~400 | 450 |
| | | TanQ | 0,55 | 0,50 | 0,40 | 0,35 | 0,30 | 0,25 | 0,20 | 0,15 | 0,20 |
| | | | | | | | | | | | |
| Load life (after application of the rated voltage for 3000hrs at 85°C) | | Leakage Current | | | | | | | | Less than specified Value | |
| | | Capacitance Change | | | | | | | | Within ±20% off initial Value | |
| | | TanQ | | | | | | | | Less than 200% of specified value | |
| Shelf life (at 85°C) | | Leakage Current | | | | | | | | Less than specified Value | |
| | | Capacitance Change | | | | | | | | Within ±20% off initial Value | |
| | | TanQ | | | | | | | | Less than 200% of specified value | |

FREQUENCY COEFFICIENT OF PERMISSIBLE RIPPLE CURRENT

| WV | Frequency | 50HZ | 120Hz | 300Hz | 1kHz | 10kHz≤ |
|-----------|-----------|------|-------|-------|------|--------|
| 10 ~ 100 | | 0,95 | 1,00 | 1,06 | 1,15 | 1,25 |
| 160 ~ 250 | | 0,85 | 1,00 | 1,20 | 1,25 | 1,45 |
| 350 ~ 450 | | 0,85 | 1,00 | 1,15 | 1,20 | 1,40 |
| | | | | | | |

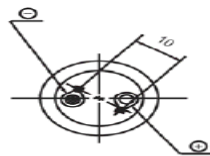
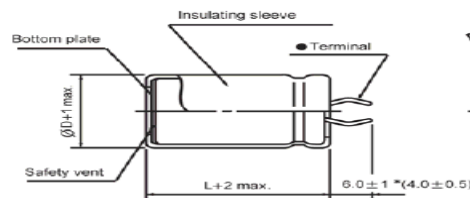
Technical Details

| | | | |
|-----------------------------------|----------------|--------|------|
| Range (μF) | 470 | ∅D(mm) | 22,0 |
| Voltage | 160 | L(mm) | 30,0 |
| Impedance (Ω) | .- | F(mm) | 10,0 |
| Ripple Current (mA) | 1,6 | ∅d(mm) | 0 |
| ESR (Ω) max.at 20°C 10KHz | .- | α(mm) | 0 |
| Lifetime (hrs) | 3000 | | 2,0 |
| Operating- Temperature Range (°C) | .-40°C ~ +85°C | | .- |

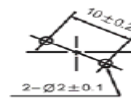
DRAWING

Unit : mm

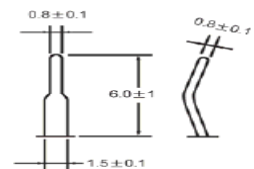
∅D ≤ 40



PC Board Mounting Holes

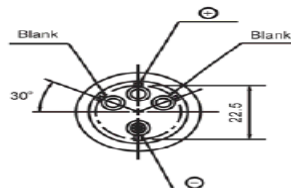
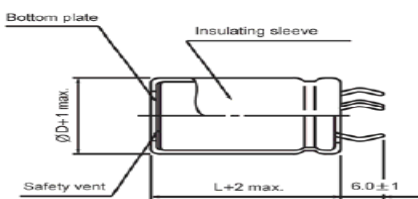


Terminal

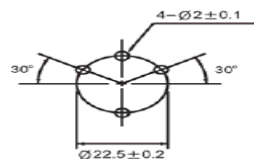


* Shorter terminal (4.0 ± 0.5) is also available upon request.
 Terminal length of height 20mm products is applied shorter terminal to standard terminal type.

∅D = 35, 40



PC Board Mounting Holes



| | | | | | | | |
|-------|-------|------|--------|--------|--------|-------|------------|
| DRW: | Lexua | CHKD | Wilson | MATL: | ChuChu | DATE | 17.01.2025 |
| APPD: | Jimmy | | | FINISH | Josy | Sheet | 1 from 2 |

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Ordering Informations:

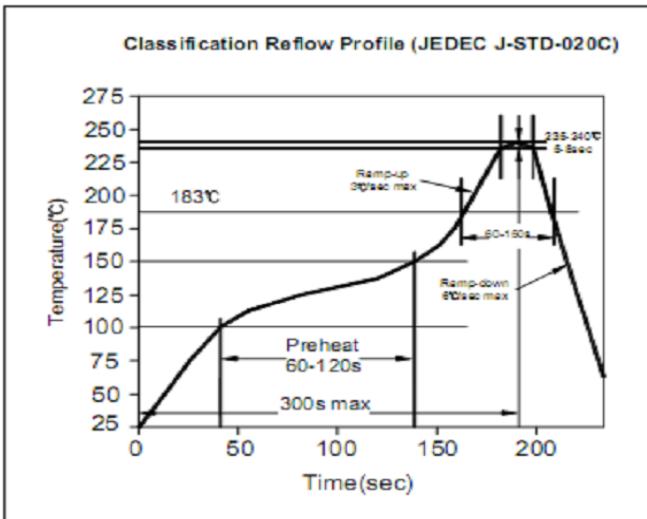
| Serie-No. / Voltage / Range / Size | Capacity Tolerance | ROHS | Packing |
|------------------------------------|--------------------|------|---------|
|------------------------------------|--------------------|------|---------|

| | | | |
|-------------------|---|---|----|
| I14123-1614712230 | M | R | BU |
|-------------------|---|---|----|

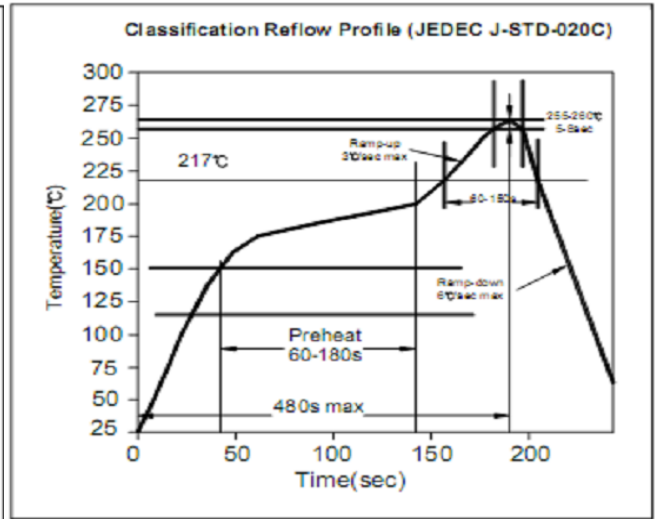
| Serie | Voltage (V) | Range μ H) | D * L (mm) | Tolerance Order Code | R= ROHS N= NON ROHS | BU= Bulk-Ware (Box) |
|-------|-------------|----------------|------------|----------------------|------------------------|---------------------|
| | | | | | | |
| | | | | | | |

Soldering Information

Lead Solder Performance



Lead free Solder Performance



| | | | | | | | |
|-------|-------|------|--------|--------|--------|-------|------------|
| DRW: | Lexua | CHKD | Wilson | MATL: | ChuChu | DATE | 17.01.2025 |
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