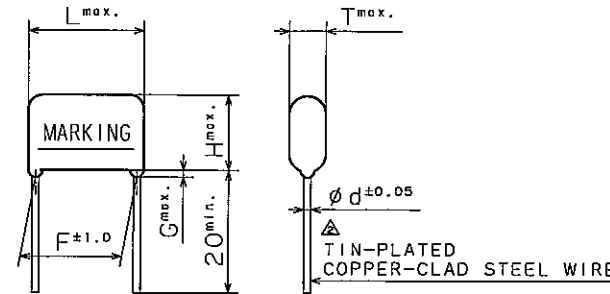


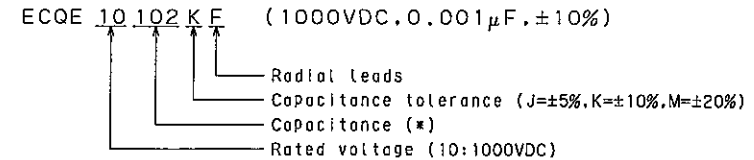
THIRD ANGLE PROJECTION

| ITEM CODE | CAP. μF (*) | DIMENSIONS | | | | | |
|---------------|------------------|------------|------|------|------|-----|-----|
| | | L | T | H | F | G | d |
| ECQE10102(J)F | 0.001 (102) | 15.5 | 6.0 | 11.0 | 12.5 | 1.0 | 0.6 |
| # 10122(J)F | 0.0012(122) | # | # | # | # | # | # |
| # 10152(J)F | 0.0015(152) | # | # | # | # | # | # |
| # 10182(J)F | 0.0018(182) | # | # | # | # | # | # |
| # 10222(J)F | 0.0022(222) | # | # | 11.5 | # | # | # |
| # 10272(J)F | 0.0027(272) | # | 6.5 | 12.0 | # | # | # |
| # 10332(J)F | 0.0033(332) | # | 6.0 | 11.5 | # | # | # |
| # 10392(J)F | 0.0039(392) | # | 6.5 | 12.0 | # | # | # |
| # 10472(J)F | 0.0047(472) | # | 7.0 | 12.5 | # | # | # |
| # 10562(J)F | 0.0056(562) | # | 7.5 | 13.0 | # | # | # |
| # 10682(J)F | 0.0068(682) | # | 7.0 | 12.5 | # | # | # |
| # 10822(J)F | 0.0082(822) | # | 6.5 | 12.0 | # | # | # |
| # 10103(J)F | 0.01 (103) | # | 6.0 | 11.0 | # | # | # |
| # 10123(J)F | 0.012 (123) | # | # | 12.0 | # | # | # |
| # 10153(J)F | 0.015 (153) | # | 7.0 | 12.5 | # | # | # |
| # 10183(J)F | 0.018 (183) | # | 7.5 | 13.0 | # | # | 0.8 |
| # 10223(J)F | 0.022 (223) | # | # | 15.5 | # | # | # |
| # 10273(J)F | 0.027 (273) | 21.0 | 6.0 | 13.0 | 17.5 | # | # |
| # 10333(J)F | 0.033 (333) | # | 6.5 | 14.0 | # | # | # |
| # 10393(J)F | 0.039 (393) | # | 7.0 | 14.5 | # | # | # |
| # 10473(J)F | 0.047 (473) | # | 7.5 | 15.5 | # | # | # |
| # 10563(J)F | 0.056 (563) | # | # | 17.0 | # | # | # |
| # 10683(J)F | 0.068 (683) | # | 8.5 | 18.0 | # | # | # |
| # 10823(J)F | 0.082 (823) | # | 9.0 | 18.5 | # | # | # |
| # 10104(J)F | 0.1 (104) | # | 10.0 | 20.0 | # | # | # |
| # 10124(J)F | 0.12 (124) | 26.0 | 9.0 | 18.5 | 22.5 | # | # |
| # 10154(J)F | 0.15 (154) | # | 10.0 | 20.0 | # | 1.5 | # |
| # 10184(J)F | 0.18 (184) | # | 10.5 | 22.0 | # | # | # |
| # 10224(J)F | 0.22 (224) | # | 12.0 | 23.0 | # | # | # |

TOL. SYMBOL (J or K or M)



ITEM CODE NUMBER STRUCTURE



CONSTRUCTION

The capacitor is of non-inductive construction, wound with metallized polyester film dielectric.
The capacitor is enclosed in non-combustible epoxy resin and has two leads.

MARKING

Marking comprises capacitance, capacitance tolerance, rated voltage, type name, manufacturer's trademark and date code.

PROPERTIES

Capacitance : See table at 1kHz
 Capacitance tolerance : ±5%(J), ±10%(K), ±20%(M) at 1kHz
 Rated voltage : 125VAC/1000VDC
 Withstand voltage (terminal-terminal) : 1000VDC×175% for 2s~5s (1000VAC for 60s)
 (terminal-enclosure) : 1500VAC for 60s
 Insulation resistance : ≥10000MΩ at 100VDC, 20°C for 60s
 : ≥2000MΩ at 500VDC, 20°C for 60s
 Dissipation factor : ≤1.0% at 1kHz, 20°C
 Category temperature range : From -40°C to +85°C
 (including temperature rise on unit surface)



MARKING EXAMPLE

Ⓜ 102 M
 Q-E 1000V
 125V~ ← date code

ALTERATION

| ISSUE | DESCRIPTION | DATE |
|-------|--|--------------|
| △ | Overall rewriting Modification (MARKING EXAMPLE) | Jun. 9 1995 |
| △ | Withdraw(274~474) Modification | Apr. 11 2002 |
| △ | Company name changed | Oct. 1 2004 |
| △ | Company name changed | Apr. 1 2005 |

SPECIFICATIONS No.
TEB7168H

Reference

| | |
|---------------|-------------------------------------|
| DESIGN | E. Takeda |
| CHECKED | M. Nishikori |
| APPROVAL | M. Nagasaka |
| ESTABLISHMENT | Nov. 29, 1989 |
| TYPE NAME | ECQE10***(J)F |
| NAME | Metallized Polyester Film Capacitor |
| DRAWING NAME | PRODUCT DRAWING |
| DRAWING No. | CT-H-967E (1/1) |

Panasonic Electronic Circuit Capacitor Business Unit,
Panasonic Electronic Devices Co., Ltd.