

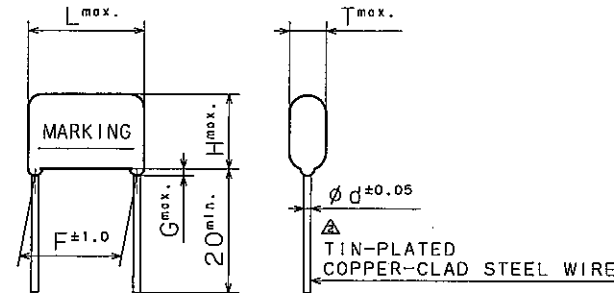
THIRD ANGLE PROJECTION

| ITEM CODE | RATED VOLTAGE | CAP. μF (*) | DIMENSIONS | | | | | | | MARKING STYLE |
|----------------|---------------|--------------------------|------------|------|------|------|-----|-----|---|---------------|
| | | | L | T | H | F | G | d | | |
| ECQE2103 () F | 250VDC | 0.01 (103) | 10.3 | 4.3 | 7.4 | 7.5 | 1.0 | 0.6 | 1 | |
| # 2123 () F | # | 0.012 (123) | # | 4.4 | 7.5 | # | # | # | # | |
| # 2153 () F | # | 0.015 (153) | # | # | # | # | # | # | # | |
| # 2183 () F | # | 0.018 (183) | # | # | # | # | # | # | # | |
| # 2223 () F | # | 0.022 (223) | # | # | # | # | # | # | # | |
| # 2273 () F | # | 0.027 (273) | # | # | # | # | # | # | # | |
| # 2333 () F | # | 0.033 (333) | # | 4.5 | # | # | # | # | # | |
| # 2393 () F | # | 0.039 (393) | # | # | # | # | # | # | # | |
| # 2473 () F | # | 0.047 (473) | # | # | # | # | # | # | # | |
| # 2563 () F | # | 0.056 (563) | # | 4.8 | 7.9 | # | # | # | # | |
| # 2683 () F | # | 0.068 (683) | # | 4.5 | 7.5 | # | # | # | # | |
| # 2823 () F | # | 0.082 (823) | # | 4.9 | 8.0 | # | # | # | # | |
| # 2104 () F | # | 0.1 (104) | # | 5.8 | 8.4 | # | # | # | # | |
| # 2124 () F | # | 0.12 (124) | # | 6.0 | 9.0 | # | # | # | # | |
| # 2154 () F | # | 0.15 (154) | # | # | 10.8 | # | # | # | # | |
| # 2184 () F | # | 0.18 (184) | 12.0 | 5.0 | 10.3 | 10.0 | # | # | # | |
| # 2224 () F | # | 0.22 (224) | # | 5.5 | 10.5 | # | # | # | # | |
| # 2274 () F | # | 0.27 (274) | # | 6.0 | 11.5 | # | # | # | # | |
| # 2334 () F | # | 0.33 (334) | # | 6.5 | 12.0 | # | # | # | # | |
| # 2394 () F | # | 0.39 (394) | 18.5 | 4.9 | # | 15.0 | # | # | 2 | |
| # 2474 () F | # | 0.47 (474) | # | 5.3 | 12.5 | # | # | # | # | |
| # 2564 () F | # | 0.56 (564) | # | 5.5 | 13.0 | # | # | # | # | |
| # 2684 () F | # | 0.68 (684) | # | 6.0 | 13.5 | # | # | 0.8 | # | |
| # 2824 () F | # | 0.82 (824) | # | 6.5 | 14.5 | # | # | # | # | |
| # 2105 () F | # | 1.0 (105) | # | 7.4 | 15.0 | # | # | # | # | |
| # 2125 () F | # | 1.2 (125) | # | 8.0 | 15.9 | # | # | # | # | |
| # 2155 () F | # | 1.5 (155) | # | 9.0 | 16.8 | # | # | # | # | |
| # 2185 () F | # | 1.8 (185) | 26.0 | 7.5 | 15.5 | 22.5 | # | # | # | |
| # 2225 () F | # | 2.2 (225) | # | 8.5 | 16.3 | # | # | # | # | |
| # 2275 () F | # | 2.7 (275) | # | 9.4 | 17.0 | # | # | # | # | |
| # 2335 () F | # | 3.3 (335) | # | 10.3 | 18.0 | # | 1.5 | # | # | |
| # 2395 () F | # | 3.9 (395) | # | 11.0 | 20.5 | # | # | # | # | |
| # 2475 () F | # | 4.7 (475) | # | 12.0 | 21.5 | # | # | # | # | |
| # 2565 () F | # | 5.6 (565) | 31.0 | 11.8 | 21.0 | 27.5 | # | # | # | |
| # 2685 () F | # | 6.8 (685) | # | 13.0 | 22.4 | # | # | # | # | |
| # 2825 () F | # | 8.2 (825) | # | 14.3 | 23.5 | # | # | # | # | |
| # 2106 () F | # | 10.0 (106) | # | 15.9 | 25.8 | # | # | # | # | |

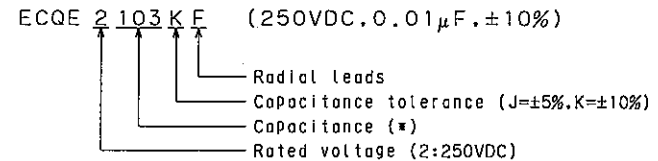
TOL. SYMBOL (J or K)

| ALTERATION | | |
|------------|----------------------|-------------|
| ISSUE | DESCRIPTION | DATE |
| △ | Overall rewriting | Jul.30 1999 |
| △ | Modification | Jun.20 2002 |
| △ | Company name changed | Oct.1 2004 |
| △ | Company name changed | Apr.1 2005 |

SPECIFICATIONS No.
TE72027Y



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, manufacturer's trademark (STYLE 2 only) and date code.

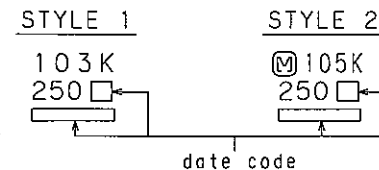
PROPERTIES

Capacitance : See table at 1kHz
 Capacitance tolerance : $\pm 5\%$ (J), $\pm 10\%$ (K) at 1kHz
 Rated voltage : 250VDC
 Withstand voltage : 250VDC $\times 150\%$ for 60s
 Insulation resistance : $\geq 9000\text{M}\Omega$ ($C \leq 0.33\mu\text{F}$) at 100VDC, 20°C for 60s
 : $\geq 3000\text{M}\Omega \cdot \mu\text{F}$ ($C > 0.33\mu\text{F}$) at 100VDC, 20°C for 60s
 Dissipation factor : $\leq 1.0\%$ at 1kHz, 20°C
 Category temperature range : From -40°C to +85°C
 (including temperature rise on unit surface)

Reference

| | |
|---------------|-------------------------------------|
| DESIGN | E. Takada |
| CHECKED | M. Nishikori |
| APPROVAL | M. Nagaoaka |
| ESTABLISHMENT | Apr.27.1987 |
| TYPE NAME | ECQE2*** () F |
| NAME | Metallized Polyester Film Capacitor |
| DRAWING NAME | PRODUCT DRAWING |
| DRAWING No. | CT-H-C011 (1/1) |

MARKING EXAMPLE



DO NOT SCALE DRAWING REVISIONS INDICATED BY Δ ALL DIMENSIONS ARE IN MILLIMETERS

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