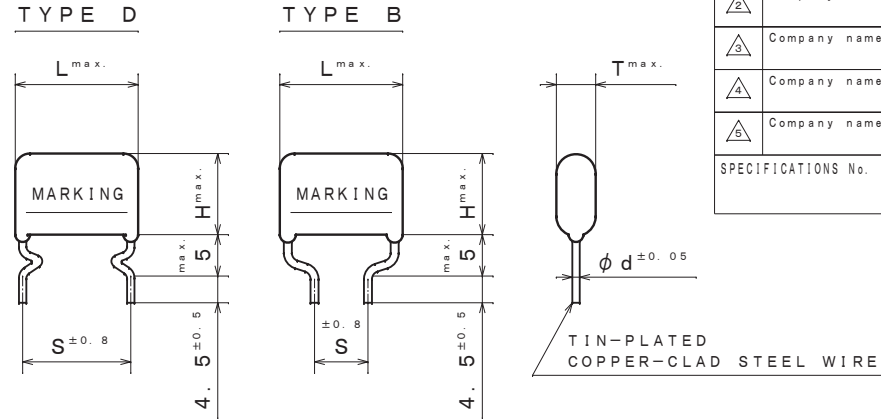
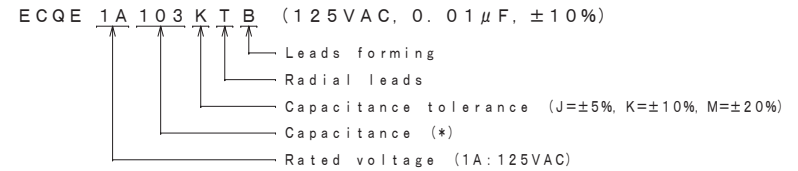


| ITEM CODE | RATED VOLTAGE | CAP. μF (*) | DIMENSIONS | | | | | | MARKING STYLE | FORMING TYPE |
|------------------|---------------|--------------------|------------|-----|------|------|-----|---|---------------|--------------|
| | | | L | T | H | S | d | | | |
| ECQE1A103 () TB | 125VAC | 0.01 (103) | 11.0 | 4.5 | 7.5 | 7.5 | 0.6 | 1 | D | |
| " 1A123 () TB | " | 0.012 (123) | " | 4.4 | " | " | " | " | " | |
| " 1A153 () TB | " | 0.015 (153) | " | " | " | " | " | " | " | |
| " 1A183 () TB | " | 0.018 (183) | " | " | " | " | " | " | " | |
| " 1A223 () TB | " | 0.022 (223) | " | " | " | " | " | " | " | |
| " 1A273 () TB | " | 0.027 (273) | " | " | " | " | " | " | " | |
| " 1A333 () TB | " | 0.033 (333) | " | 4.5 | 7.8 | " | " | " | " | |
| " 1A393 () TB | " | 0.039 (393) | " | " | " | " | " | " | " | |
| " 1A473 () TB | " | 0.047 (473) | " | 5.5 | 8.0 | " | " | " | " | |
| " 1A563 () TB | " | 0.056 (563) | " | 5.9 | 8.5 | " | " | " | " | |
| " 1A683 () TB | " | 0.068 (683) | " | 6.3 | 9.4 | " | " | " | " | |
| " 1A823 () TB | " | 0.082 (823) | " | 6.5 | 9.8 | " | " | " | " | |
| " 1A104 () TB | " | 0.1 (104) | " | " | 11.8 | " | " | " | " | |
| " 1A124 () TB | " | 0.12 (124) | 13.0 | 5.9 | 11.5 | 10.0 | " | " | " | |
| " 1A154 () TB | " | 0.15 (154) | " | 6.5 | 12.0 | " | " | " | " | |
| " 1A184 () TB | " | 0.18 (184) | " | 7.0 | 12.5 | " | " | " | " | |
| " 1A224 () TB | " | 0.22 (224) | " | 7.5 | 13.4 | " | " | " | " | |
| " 1A274 () TB | " | 0.27 (274) | 19.0 | 6.3 | 12.0 | " | " | 2 | B | |
| " 1A334 () TB | " | 0.33 (334) | " | 6.9 | 12.5 | " | " | " | " | |
| " 1A394 () TB | " | 0.39 (394) | " | 7.4 | 13.0 | " | " | " | " | |
| " 1A474 () TB | " | 0.47 (474) | " | 7.5 | 15.3 | " | " | " | " | |

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.

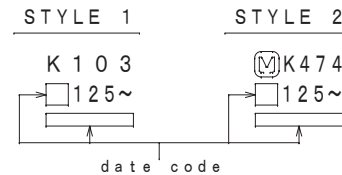
MARKING

Marking comprises capacitance, capacitance tolerance, rated voltage, manufacturer's trademark (STYLE 2 only) and date code.

PROPERTIES

| | | |
|--|---|---------|
| Capacitance | : See table | at 1kHz |
| Capacitance tolerance | : $\pm 5\%$ (J), $\pm 10\%$ (K), $\pm 20\%$ (M) | at 1kHz |
| Rated voltage | : 125VAC | |
| Withstand voltage (terminal-terminal) | : 125VACx230% for 60s | |
| (terminal-enclosure) | : 1500VAC for 60s | |
| Insulation resistance | : $\geq 2000M\Omega$ at 500VDC, 20°C for 60s | |
| Dissipation factor | : $\leq 1.0\%$ at 1kHz, 20°C | |
| Category temperature range | : Δ From -40°C to +105°C | |
| (including temperature rise on unit surface) | | |

MARKING EXAMPLE



| ALTERATION | | |
|------------|---|--------------|
| ISSUE | DESCRIPTION | DATE |
| Δ | Change: category temperature range (-40°C~+85°C--40°C~+105°C) | Dec. 21 2010 |
| Δ | Company name changed | Apr. 1 2012 |
| Δ | Company name changed | Apr. 1 2013 |
| Δ | Company name changed | Apr. 1 2015 |
| Δ | Company name changed | Apr. 1 2022 |

SPECIFICATIONS No.

| | |
|--|---------------|
| DESIGN | M. MEKADA |
| CHECKED | T. KATO |
| APPROVAL | T. KATO |
| ESTABLISHMENT | Sep. 24, 2008 |
| TYPE NAME | |
| ECQE1A*** () TB | |
| NAME Metallized Polyester Film Capacitor | |
| DRAWING NAME | |
| PRODUCT DRAWING | |
| DRAWING No. | |
| 8066M-J-E (1/1) | |

Film Capacitor Business Unit
Device Solutions Business Division
Panasonic Industry Co., Ltd.