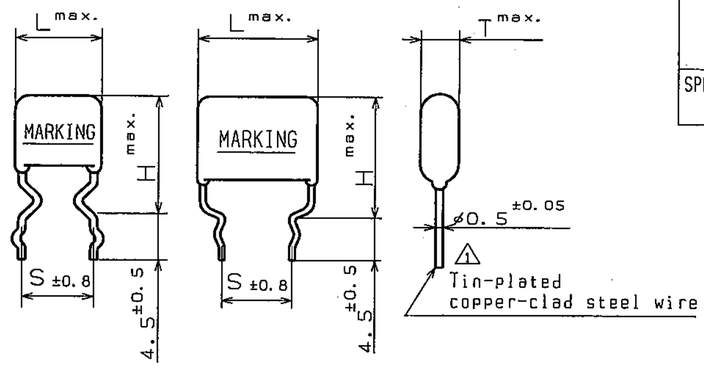
THIRD ANGLE PROJECTION

| ITEM CODE | CAPACITANCE μF ( * ) | DIMENSIONS L | T | H | S | STYLE |
|---|---|---|---|---|---|---|
| ECQV 1J103JMW | 0.01 ( 103 ) | 7.5 | 3.2 | 10.8 | 5.0 | N |
| 〃 1J123JMW | 0.012 ( 123 ) | 〃 | 〃 | 〃 | 〃 | 〃 |
| 〃 1J153JMW | 0.015 ( 153 ) | 〃 | 〃 | 〃 | 〃 | 〃 |
| 〃 1J183JMW | 0.018 ( 183 ) | 〃 | 〃 | 〃 | 〃 | 〃 |
| 〃 1J223JMW | 0.022 ( 223 ) | 〃 | 〃 | 〃 | 〃 | 〃 |
| 〃 1J273JMW | 0.027 ( 273 ) | 〃 | 〃 | 〃 | 〃 | 〃 |
| 〃 1J333JMW | 0.033 ( 333 ) | 〃 | 〃 | 〃 | 〃 | 〃 |
| 〃 1J393JMW | 0.039 ( 393 ) | 〃 | 〃 | 〃 | 〃 | 〃 |
| 〃 1J473JMW | 0.047 ( 473 ) | 〃 | 〃 | 〃 | 〃 | 〃 |
| 〃 1J563JMW | 0.056 ( 563 ) | 〃 | 〃 | 〃 | 〃 | 〃 |
| 〃 1J683JMW | 0.068 ( 683 ) | 〃 | 〃 | 〃 | 〃 | 〃 |
| 〃 1J823JMW | 0.082 ( 823 ) | 〃 | 〃 | 〃 | 〃 | 〃 |
| 〃 1J104JMW | 0.1 ( 104 ) | 〃 | 〃 | 11.0 | 〃 | 〃 |
| 〃 1J124JMW | 0.12 ( 124 ) | 〃 | 3.8 | 〃 | 〃 | 〃 |
| 〃 1J154JMW | 0.15 ( 154 ) | 〃 | 4.1 | 〃 | 〃 | 〃 |
| 〃 1J184JMW | 0.18 ( 184 ) | 10.2 | 3.5 | 14.0 | 〃 | T |
| 〃 1J224JMW | 0.22 ( 224 ) | 〃 | 〃 | 〃 | 〃 | 〃 |
| 〃 1J274JMW | 0.27 ( 274 ) | 〃 | 〃 | 〃 | 〃 | 〃 |
| 〃 1J334JMW | 0.33 ( 334 ) | 〃 | 3.8 | 〃 | 〃 | 〃 |
| 〃 1J394JMW | 0.39 ( 394 ) | 〃 | 4.0 | 〃 | 〃 | 〃 |
| 〃 1J474JMW | 0.47 ( 474 ) | 〃 | 4.5 | 〃 | 〃 | 〃 |
| 〃 1J564JMW | 0.56 ( 564 ) | 〃 | 4.9 | 〃 | 〃 | 〃 |
| 〃 1J684JMW | 0.68 ( 684 ) | 〃 | 5.5 | 15.0 | 〃 | 〃 |
| 〃 1J824JMW | 0.82 ( 824 ) | 〃 | 6.1 | 〃 | 〃 | 〃 |
| 〃 1J105JMW | 1.0 ( 105 ) | 〃 | 6.9 | 〃 | 〃 | 〃 |

| ALTERATION | | |
|---|---|---|
| ISSUE | DESCRIPTION | DATE |
| △1 | Modification | Aug. 1.2002 |
| △2 | Company name changed | Oct. 1.2004 |
| △3 | Company name changed | Apr. 1.2005 |
| △4 | Company name changed | Apr. 1.2006 |
| | | |
| SPECIFICATIONS No. | | |

STYLE N　　STYLE T




ITEM CODE NUMBER STRUCTURE

ECQV 1J103JMW (63VDC, 0.01μF, ±5%)

- Lead forming
- Radial leads
- Capacitance tolerance(J=±5%)
- Capacitance :See table(*)
- Rated voltage(1J=63VDC)

CONSTRUCTION

The capacitor is of non-inductive construction with metallized polyester film and acrylic resin dielectric.

The capacitor is enclosed in epoxy resin and has two leads.

MARKING

Marking comprises capacitance and manufacturer's date code.

(example)

103 ← date code

PROPERTIES

| | | |
|---|---|---|
| Capacitance | : See table (*) | at 1kHz |
| Capacitance tolerance | : ±5%(J) | |
| Rated voltage | : 63VDC | |
| Insulation resistance | : I. R≧3,000MΩ when C≦0.33μF<br>C. R≧1,000MΩ·μF when C>0.33μF | at 50VDC, 20℃ |
| Withstand voltage (terminal-terminal) | : Rated voltage × 150% for 60s | |
| ☆Dissipation factor | : ≦1.0% | at 1kHz, 20℃ |
| Category temperature range (Including temperature rise on unit surface) | : From -40℃ to +85℃ | |

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

Reference

| | |
|---|---|
| DESIGN | Y. Sasaki |
| CHECKED | M. Nishikori |
| APPROVAL | M. Nagaoka |
| ESTABLISHMENT | Jan. 31. 2000 |
| TYPE NAME | ECQV 1J***JMW |
| NAME | STACKED METALLIZED FILM CAPACITOR |
| DRAWING NAME | PRODUCT DRAWING |
| DRAWING No. | CV-H-B43B(1/1) |

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

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