

PANASONIC Film Capacitors

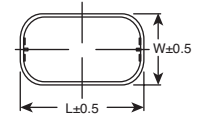
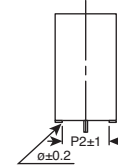
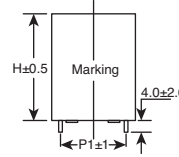


This product is RoHS compliant.

EZP-E SERIES METALLIZED POLYPROPYLENE DC LINK FILM CAPACITORS

Features:

- High safety, Self-healing and Self-protecting function built-in
- Long product life, High reliability
- Low loss, Low ESR
- Flame retardant (case and sealing resin)
- Tolerance: $\pm 10\%$
- Operating Temperature Range: -40°C to +85°C



Recommended Applications:

- For DC filtering, DC link circuit
- Solar inverters
- Wind power generation
- Industrial power supplies
- Inverter circuit in appliances

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | | Value (uF) | Voltage (VDC) | Dimensions: mm | | | Pin Type | Price Each | | |
|-------------------|---------------|------------|---------------|----------------|----|----|----------|------------|-------|-------|
| Mfr. | Mfr. Part No. | | | L | W | H | | 1 | 10 | 25 |
| 667—EZP-E80106LTA | | 10 | 800 | 41.5 | 20 | 42 | 2 | 7.83 | 6.96 | 6.61 |
| 667—EZP-E80156MTA | | 15 | 800 | 41.5 | 20 | 42 | 4 | 10.21 | 9.72 | 8.92 |
| 667—EZP-E80206MTA | | 20 | 800 | 41.5 | 30 | 51 | 4 | 11.74 | 11.18 | 10.26 |
| 667—EZP-E80256MTA | | 25 | 800 | 41.5 | 30 | 51 | 4 | 12.32 | 11.73 | 10.76 |
| 667—EZP-E80306MTA | | 30 | 800 | 41.5 | 30 | 51 | 4 | 12.85 | 12.24 | 11.23 |
| 667—EZP-E80356MTA | | 35 | 800 | 57.5 | 30 | 51 | 4 | 14.28 | 13.60 | 12.48 |
| 667—EZP-E80406MTA | | 40 | 800 | 57.5 | 30 | 51 | 4 | 15.95 | 15.19 | 13.94 |
| 667—EZP-E80456MTA | | 45 | 800 | 57.5 | 30 | 51 | 4 | 17.28 | 16.46 | 15.10 |
| 667—EZP-E80506MTA | | 50 | 800 | 57.5 | 35 | 56 | 4 | 17.91 | 17.06 | 15.65 |

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| MOUSER STOCK NO. | | Value (uF) | Voltage (VDC) | Dimensions: mm | | | Pin Type | Price Each | | |
|-------------------|---------------|------------|---------------|----------------|----|----|----------|------------|-------|-------|
| Mfr. | Mfr. Part No. | | | L | W | H | | 1 | 10 | 25 |
| 667—EZP-E80556MTA | | 55 | 800 | 57.5 | 35 | 56 | 4 | 18.24 | 17.37 | 15.94 |
| 667—EZP-E80606MTA | | 60 | 800 | 57.5 | 35 | 56 | 4 | 18.52 | 17.64 | 16.18 |
| 667—EZP-E1B106MTA | | 10 | 1100 | 41.5 | 20 | 42 | 4 | 7.86 | 7.49 | 6.87 |
| 667—EZP-E1B156MTA | | 15 | 1100 | 41.5 | 30 | 51 | 4 | 9.92 | 9.45 | 8.67 |
| 667—EZP-E1B206MTA | | 20 | 1100 | 41.5 | 30 | 51 | 4 | 11.41 | 10.87 | 9.97 |
| 667—EZP-E1B256MTA | | 25 | 1100 | 57.5 | 30 | 51 | 4 | 12.62 | 12.02 | 11.03 |
| 667—EZP-E1B306MTA | | 30 | 1100 | 57.5 | 30 | 51 | 4 | 13.49 | 12.85 | 11.79 |
| 667—EZP-E1B356MTA | | 35 | 1100 | 57.5 | 35 | 56 | 4 | 14.86 | 14.15 | 12.98 |
| 667—EZP-E1B406MTA | | 40 | 1100 | 57.5 | 35 | 56 | 4 | 16.36 | 15.58 | 14.29 |

Panasonic Film Capacitors

STACKED METALLIZED PPS FILM CHIP CAPACITORS

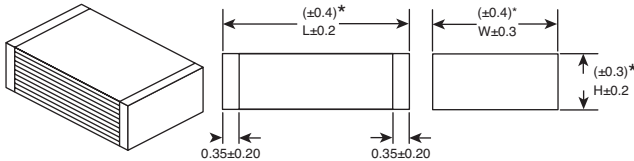
ECH-U(C) Series

Features:

- Small in size
- Low loss and excellent frequency characteristics
- For reflow soldering

Recommended Applications:

- Time-constant
- Filtering
- Oscillation and resonance
- Resonance circuit for LCD backlight inverter unit



* To be applied only for size Z&Y

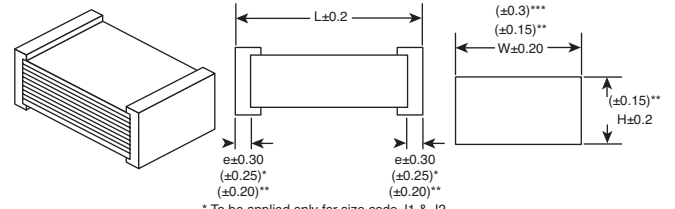
ECH-U(X) Series

Features:

- Small in size (minimum size 1.6mm x 0.8mm)
- 85°C, 85% RH, W.V. X 1.0 for 500 hours
- For reflow soldering

Recommended Applications:

- Time-constant
- Filtering
- Oscillation and resonance



* To be applied only for size code J1 & J2
 ** To be applied only for size code K1
 *** To be applied only for size code E1, E2, D1, D3, D4

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | | Value (uF) | Voltage (VDC) | Dimensions: mm | | | Size Code | Price Each | | | |
|------------------|---------------|------------|---------------|----------------|-----|-----|-----------|------------|------|------|------|
| Mfr. | Mfr. Part No. | | | L | W | H | | 1 | 50 | 100 | 500 |
| 667—ECH-U1123GC9 | | 0.012 | 100 | 4.8 | 3.3 | 1.4 | E1 | 1.04 | .812 | .765 | .634 |
| 667—ECH-U1153GC9 | | 0.015 | 100 | 4.8 | 3.3 | 2 | E2 | 1.14 | .891 | .839 | .695 |
| 667—ECH-U1153JC9 | | 0.015 | 100 | 4.8 | 3.3 | 2 | E2 | 1.12 | .875 | .824 | .683 |
| 667—ECH-U1183GC9 | | 0.018 | 100 | 4.8 | 3.3 | 2 | E2 | 1.14 | .892 | .839 | .696 |
| 667—ECH-U1223GC9 | | 0.022 | 100 | 4.8 | 3.3 | 2.4 | E3a | 1.20 | .94 | .885 | .734 |
| 667—ECH-U1223JC9 | | 0.022 | 100 | 4.8 | 3.3 | 2.4 | E3a | 1.20 | .94 | .885 | .734 |
| 667—ECH-U1273GC9 | | 0.027 | 100 | 4.8 | 3.3 | 2.8 | E3 | 1.27 | .997 | .938 | .778 |
| 667—ECH-U1273JC9 | | 0.027 | 100 | 4.8 | 3.3 | 2.8 | E3 | 1.27 | .997 | .938 | .778 |
| 667—ECH-U1333GC9 | | 0.033 | 100 | 6 | 4.1 | 1.8 | D1 | 1.35 | 1.05 | .995 | .825 |
| 667—ECH-U1333JC9 | | 0.033 | 100 | 6 | 4.1 | 1.8 | D1 | 1.35 | 1.05 | .995 | .825 |
| 667—ECH-U1473GC9 | | 0.047 | 100 | 6 | 4.1 | 2.4 | D3 | 1.52 | 1.18 | 1.11 | .927 |
| 667—ECH-U1473JC9 | | 0.047 | 100 | 6 | 4.1 | 2.4 | D3 | 1.52 | 1.18 | 1.11 | .927 |
| 667—ECH-U1563GC9 | | 0.056 | 100 | 6 | 4.1 | 2.8 | D4 | 1.59 | 1.24 | 1.17 | .975 |
| 667—ECH-U1683GC9 | | 0.068 | 100 | 6 | 4.1 | 3.2 | D5 | 1.69 | 1.32 | 1.24 | 1.03 |
| 667—ECH-U1683JC9 | | 0.068 | 100 | 6 | 4.1 | 3.2 | D5 | 1.69 | 1.32 | 1.24 | 1.03 |
| 667—ECH-U1823GC9 | | 0.082 | 100 | 7.1 | 5 | 2.8 | Z | 2.39 | 1.87 | 1.76 | 1.46 |
| 667—ECH-U1823JC9 | | 0.082 | 100 | 7.1 | 5 | 2.8 | Z | 2.41 | 1.88 | 1.77 | 1.47 |
| 667—ECH-U1103GC9 | | 0.01 | 100 | 4.8 | 3.3 | 1.4 | E1 | 1.04 | .812 | .765 | .634 |
| 667—ECH-U1103JC9 | | 0.01 | 100 | 4.8 | 3.3 | 1.4 | E1 | 1.03 | .808 | .76 | .63 |
| 667—ECH-U1104GC9 | | 0.1 | 100 | 7.1 | 5 | 3 | Z | 2.48 | 1.94 | 1.82 | 1.51 |
| 667—ECH-U1104JC9 | | 0.1 | 100 | 7.1 | 5 | 3 | Z | 2.37 | 1.85 | 1.74 | 1.44 |
| 667—ECH-U1124GC9 | | 0.12 | 100 | 7.1 | 5 | 3.4 | Z | 2.61 | 2.04 | 1.92 | 1.59 |
| 667—ECH-U1124JC9 | | 0.12 | 100 | 7.1 | 5 | 3.4 | Z | 2.39 | 1.87 | 1.76 | 1.46 |
| 667—ECH-U1154GC9 | | 0.15 | 100 | 7.1 | 6.3 | 3.4 | Y | 3.15 | 2.46 | 2.31 | 1.92 |
| 667—ECH-U1154JC9 | | 0.15 | 100 | 7.1 | 6.3 | 3.4 | Y | 3.15 | 2.46 | 2.31 | 1.92 |
| 667—ECH-U1184GC9 | | 0.18 | 100 | 7.1 | 6.3 | 4 | Y | 3.42 | 2.67 | 2.52 | 2.09 |
| 667—ECH-U1184JC9 | | 0.18 | 100 | 7.1 | 6.3 | 4 | Y | 3.42 | 2.67 | 2.52 | 2.09 |
| 667—ECH-U1224GC9 | | 0.22 | 100 | 7.1 | 6.3 | 4.8 | Y | 3.62 | 2.82 | 2.66 | 2.20 |
| 667—ECH-U1224JC9 | | 0.22 | 100 | 7.1 | 6.3 | 4.8 | Y | 2.39 | 1.87 | 1.76 | 1.46 |

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | | Value (uF) | Voltage (VDC) | Dimensions: mm | | | Size Code | Price Each | | | |
|-------------------|---------------|------------|---------------|----------------|------|-----|-----------|------------|------|------|------|
| Mfr. | Mfr. Part No. | | | L | W | H | | 1 | 50 | 100 | 500 |
| 667—ECH-U1C332GX5 | | 0.003 | 16 | 2 | 1.25 | 0.9 | J1 | .33 | .257 | .242 | .201 |
| 667—ECH-U1C332JX5 | | 0.003 | 16 | 2 | 1.25 | 0.9 | J1 | .30 | .234 | .22 | .182 |
| 667—ECH-U1C392GX5 | | 0.004 | 16 | 2 | 1.25 | 0.9 | J1 | .35 | .269 | .253 | .21 |
| 667—ECH-U1C392JX5 | | 0.004 | 16 | 2 | 1.25 | 0.9 | J1 | .31 | .245 | .231 | .191 |
| 667—ECH-U1C472JX5 | | 0.005 | 16 | 2 | 1.25 | 0.9 | J1 | .31 | .245 | .231 | .191 |
| 667—ECH-U1C682GX5 | | 0.007 | 16 | 2 | 1.25 | 0.9 | J1 | .34 | .271 | .255 | .211 |
| 667—ECH-U1C682JX5 | | 0.007 | 16 | 2 | 1.25 | 0.9 | J1 | .32 | .251 | .237 | .196 |
| 667—ECH-U1C822GX5 | | 0.008 | 16 | 2 | 1.25 | 1.1 | J2 | .78 | .469 | .41 | .293 |
| 667—ECH-U1C123GX5 | | 0.012 | 16 | 3.2 | 1.6 | 0.9 | H1 | .86 | .517 | .355 | .323 |
| 667—ECH-U1C183GX5 | | 0.018 | 16 | 3.2 | 1.6 | 0.9 | H1 | .40 | .316 | .297 | .246 |
| 667—ECH-U1C183JX5 | | 0.018 | 16 | 3.2 | 1.6 | 0.9 | H1 | .82 | .493 | .431 | .308 |
| 667—ECH-U1C273JX5 | | 0.027 | 16 | 3.2 | 1.6 | 1.1 | H2 | .38 | .347 | .317 | .27 |
| 667—ECH-U1C333GX5 | | 0.033 | 16 | 3.2 | 1.6 | 1.1 | H2 | .44 | .347 | .326 | .27 |
| 667—ECH-U1C393GX5 | | 0.039 | 16 | 3.2 | 1.6 | 1.5 | H3 | .48 | .382 | .359 | .298 |
| 667—ECH-U1C393JX5 | | 0.039 | 16 | 3.2 | 1.6 | 1.5 | H3 | .48 | .382 | .359 | .298 |
| 667—ECH-U1C103JX5 | | 0.01 | 16 | 2 | 1.25 | 1.1 | J2 | .33 | .262 | .247 | .204 |
| 667—ECH-U1H392GX5 | | 0.004 | 50 | 3.2 | 1.6 | 0.9 | H1 | .86 | .517 | .452 | .323 |
| 667—ECH-U1H123JX5 | | 0.012 | 50 | 3.2 | 2.5 | 1.1 | G1 | .90 | .541 | .371 | .338 |
| 667—ECH-U1H183GX5 | | 0.018 | 50 | 3.2 | 2.5 | 1.5 | G2 | .55 | .434 | .408 | .338 |
| 667—ECH-U1H183JX5 | | 0.018 | 50 | 3.2 | 2.5 | 1.5 | G2 | .45 | .346 | .326 | .27 |
| 667—ECH-U1H223GX5 | | 0.022 | 50 | 3.2 | 2.5 | 1.5 | G2 | .55 | .434 | .408 | .338 |
| 667—ECH-U1H273GX5 | | 0.027 | 50 | 3.2 | 2.5 | 1.5 | G2 | .55 | .434 | .408 | .338 |
| 667—ECH-U1H333JX5 | | 0.033 | 50 | 3.2 | 2.5 | 2.1 | G3 | .45 | .357 | .336 | .279 |
| 667—ECH-U1H473GX9 | | 0.047 | 50 | 4.8 | 3.3 | 1.5 | E1 | .89 | .814 | .744 | .635 |
| 667—ECH-U1H473JX9 | | 0.047 | 50 | 4.8 | 3.3 | 1.5 | E1 | 1.03 | .808 | .761 | .631 |
| 667—ECH-U1H563GX9 | | 0.056 | 50 | 4.8 | 3.3 | 1.5 | E1 | 1.08 | .849 | .799 | .662 |
| 667—ECH-U1H683GX9 | | 0.068 | 50 | 4.8 | 3.3 | 1.5 | E1 | 1.08 | .849 | .799 | .662 |
| 667—ECH-U1H823GX9 | | 0.082 | 50 | 4.8 | 3.3 | 2.1 | E2 | 1.18 | .921 | .867 | .719 |
| 667—ECH-U1H103JX5 | | 0.01 | 50 | 3.2 | 1.6 | 1.1 | H2 | .35 | .274 | .257 | .213 |
| 667—ECH-U1H104GX9 | | 0.1 | 50 | 4.8 | 3.3 | 2.1 | E2 | 1.17 | .915 | .861 | .714 |
| 667—ECH-U1H154GX9 | | 0.15 | 50 | 6 | 4.1 | 1.9 | D1 | 1.44 | 1.13 | 1.06 | .882 |
| 667—ECH-U1H184GX9 | | 0.18 | 50 | 6 | 4.1 | 2.5 | D3 | 1.60 | 1.25 | 1.17 | .977 |
| 667—ECH-U1H184JX9 | | 0.18 | 50 | 6 | 4.1 | 2.5 | D3 | 1.60 | 1.25 | 1.17 | .977 |