

ME-SWB Series

Standard

7mm Height



ME-HC (P.78)

↓ Low Profile

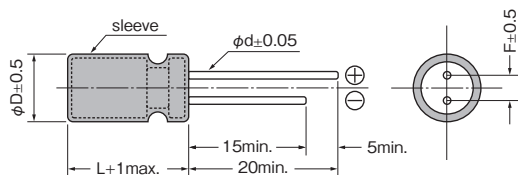
ME-SWB

- Solvent proof (within 3 minutes)

Specifications

| Items | Condition | Specifications | | | | | | | | | |
|------------------------------------|--|---|---------------------------------------|------|------|------|------|------|------|---|--|
| Rated voltage (V) | — | 4 | 6.3 | 10 | 16 | 25 | 35 | 50 | 63 | | |
| Surge voltage (V) | Room temperature | 5.0 | 8.0 | 13 | 20 | 32 | 44 | 63 | 79 | | |
| Category temperature range (°C) | — | -40 to +85 | | | | | | | | | |
| Capacitance tolerance (%) | 120Hz/20°C | M : ±20 | | | | | | | | | |
| Dissipation Factor (tan δ) | tanδ (max.) 120Hz/20°C | 0.35 | 0.24 | 0.20 | 0.16 | 0.14 | 0.12 | 0.10 | 0.10 | | |
| Leakage current (LC) | μA/after 2minutes (max.) | The greater value of either 0.01CV or 3 | | | | | | | | | |
| Impedance ratio at low temperature | Based on the value at 120Hz, +20°C | -25°C Z/Z _{20°C} | 7 | 4 | 3 | 2 | 2 | 2 | 2 | 2 | |
| | | -40°C Z/Z _{20°C} | 15 | 10 | 7 | 6 | 4 | 4 | 4 | 4 | |
| Endurance | 85°C, 2,000hours rated voltage applied (With the rated ripple current) | ΔC/C | Within ±25% of the initial value | | | | | | | | |
| | | tanδ | Less than 200% of the specified value | | | | | | | | |
| | | LC | Less than the specified value | | | | | | | | |

Dimensions



(Unit : mm)

| φD | 4 | 5 | 6.3 |
|----|------|------|------|
| F | 1.5 | 2.0 | 2.5 |
| φd | 0.45 | 0.45 | 0.45 |

Size, Rated Ripple Current

| μF \ V | 4 | 6.3 | 10 | 16 | 25 | 35 | 50 | 63 |
|--------|-----------|-----------|-----------|-----------|-----------|-----------|----------|----------|
| 1.0 | | | | | | | 4x7 10 | 4x7 10 |
| 2.2 | | | | | | | 4x7 15 | 4x7 17 |
| 3.3 | | | | | 4x7 16 | 4x7 17 | 4x7 18 | 4x7 21 |
| 4.7 | | | | | 4x7 19 | 4x7 20 | 4x7 23 | 5x7 26 |
| 10 | | | | 4x7 25 | 4x7 28 | 5x7 30 | 5x7 34 | 6.3x7 43 |
| 22 | | 4x7 31 | 4x7 35 | 4x7 39 | 5x7 52 | 6.3x7 54 | 6.3x7 60 | 6.3x7 65 |
| 33 | 4x7 26 | 4x7 39 | 4x7 43 | 5x7 57 | 6.3x7 63 | 6.3x7 65 | 6.3x7 70 | |
| 47 | 4x7 34 | 4x7 47 | 5x7 59 | 5x7 68 | 6.3x7 70 | 6.3x7 75 | 6.3x7 80 | |
| 100 | 5x7 61 | 5x7 71 | 6.3x7 80 | 6.3x7 91 | 6.3x7 100 | 6.3x7 105 | | |
| 220 | 6.3x7 82 | 6.3x7 103 | 6.3x7 110 | 6.3x7 110 | | | | |
| 330 | 6.3x7 100 | 6.3x7 110 | | | | | | |
| 470 | 6.3x7 110 | | | | | | | |

Please refer to page 14 for ripple current frequency coefficients.

Case size: φDxL (mm)

 Rated ripple current
mA rms (120Hz, 85°C)

Part number

