

RVS Series

◆ Case size & Permissible rated ripple current: (mA rms) at 85°C / 120Hz

| Vdc μF | 4V | | 6.3V | | 10V | | 16V | | 25V | | 35V | |
|-----------|---------|-----|---------|-----|---------|-----|---------|-----|---------|-----|---------|-----|
| | ΦD × L | RC | ΦD × L | RC | ΦD × L | RC | ΦD × L | RC | ΦD × L | RC | ΦD × L | RC |
| 3.3 | | | | | | | | | | | 4×5.4 | 15 |
| 4.7 | | | | | | | | | 4×5.4 | 16 | 4×5.4 | 18 |
| 10 | | | | | 4×5.4 | 24 | 4×5.4 | 24 | 4×5.4 | 24 | 4×5.4 | 25 |
| | | | | | | | | | 5×5.4 | 25 | 5×5.4 | 30 |
| 22 | | | 4×5.4 | 28 | 4×5.4 | 26 | 4×5.4 | 26 | 5×5.4 | 37 | 5×5.4 | 38 |
| | | | | | 5×5.4 | 37 | 5×5.4 | 37 | 6.3×5.4 | 40 | 6.3×5.4 | 42 |
| 33 | 4×5.4 | 25 | 4×5.4 | 28 | 4×5.4 | 28 | 5×5.4 | 37 | 5×5.4 | 47 | 6.3×5.4 | 54 |
| | 5×5.4 | 28 | 5×5.4 | 30 | 5×5.4 | 38 | 6.3×5.4 | 45 | 6.3×5.4 | 54 | 8×6.5 | 70 |
| 47 | 4×5.4 | 30 | 4×5.4 | 33 | 5×5.4 | 44 | 5×5.4 | 33 | 6.3×5.4 | 60 | 6.3×5.4 | 62 |
| | 5×5.4 | 34 | 5×5.4 | 44 | 6.3×5.4 | 60 | 6.3×5.4 | 60 | 8×6.5 | 70 | 6.3×7.7 | 75 |
| 100 | 5×5.4 | 40 | 5×5.4 | 55 | 5×5.4 | 55 | 6.3×5.4 | 70 | 6.3×7.7 | 120 | 6.3×7.7 | 120 |
| | 6.3×5.4 | 52 | 6.3×5.4 | 70 | 6.3×5.4 | 70 | 6.3×7.7 | 120 | 8×6.5 | 120 | 8×10.2 | 190 |
| 150 | 6.3×5.4 | 70 | 6.3×5.4 | 71 | 6.3×5.4 | 79 | 6.3×7.7 | 126 | 8×10.2 | 210 | 8×10.2 | 210 |
| 220 | 6.3×5.4 | 80 | 6.3×5.4 | 88 | 6.3×5.4 | 88 | 6.3×7.7 | 130 | 8×10.2 | 260 | 8×10.2 | 260 |
| | | | 6.3×7.7 | 130 | 6.3×7.7 | 130 | 8×6.5 | 130 | 10×10.2 | 300 | 10×10.2 | 320 |
| 330 | 6.3×5.4 | 137 | 6.3×7.7 | 135 | 6.3×7.7 | 135 | 8×10.2 | 270 | 8×10.2 | 280 | 10×10.2 | 360 |
| | | | | | 8×10.2 | 270 | | | 10×10.2 | 305 | | |
| 470 | 6.3×7.7 | 150 | 6.3×7.7 | 150 | 8×10.2 | 280 | 8×10.2 | 280 | 10×10.2 | 400 | 10×10.2 | 410 |
| | 8×10.2 | 240 | 8×10.2 | 280 | 10×10.2 | 350 | 10×10.2 | 350 | | | | |
| 680 | 8×10.2 | 260 | 8×10.2 | 290 | 10×10.2 | 370 | 10×10.2 | 380 | | | | |
| 1000 | 8×10.2 | 320 | 8×10.2 | 290 | 10×10.2 | 430 | 10×10.2 | 436 | | | | |
| | 10×10.2 | 430 | 10×10.2 | 430 | | | | | | | | |
| 1500 | 10×10.2 | 460 | 10×10.2 | 480 | | | | | | | | |

| Vdc μF | 50V | | 63V | | 100V | |
|-----------|---------|-----|---------|-----|---------|-----|
| | ΦD × L | RC | ΦD × L | RC | ΦD × L | RC |
| 1 | 4×5.4 | 8 | | | | |
| 2.2 | 4×5.4 | 12 | | | | |
| 3.3 | 4×5.4 | 14 | 5×5.4 | 17 | 6.3×5.4 | 22 |
| 4.7 | 4×5.4 | 14 | 5×5.4 | 20 | 6.3×5.4 | 23 |
| | 5×5.4 | 17 | 6.3×5.4 | 25 | 6.3×7.7 | 28 |
| 10 | 5×5.4 | 30 | 6.3×5.4 | 25 | 6.3×7.7 | 35 |
| | 6.3×5.4 | 40 | 6.3×7.7 | 60 | 8×10.2 | 70 |
| 22 | 6.3×5.4 | 47 | 6.3×5.4 | 60 | 8×10.2 | 90 |
| | 6.3×7.7 | 60 | 6.3×7.7 | 100 | 10×10.2 | 120 |
| 33 | 6.3×7.7 | 70 | 8×10.2 | 110 | 10×10.2 | 120 |
| 47 | 6.3×7.7 | 85 | 8×10.2 | 130 | 10×10.2 | 120 |
| | 8×10.2 | 130 | 10×10.2 | 170 | | |
| 100 | 8×10.2 | 190 | 10×10.2 | 200 | | |
| | 10×10.2 | 210 | | | | |
| 150 | 10×10.2 | 238 | | | | |
| 220 | 10×10.2 | 320 | | | | |

◆ RIPPLE CURRENT MULTIPLIERS

Frequency Multipliers

| Cap(μF) | Frequency (Hz) | | | | |
|------------|----------------|-------|-------|------|--------|
| | 50Hz | 120Hz | 300Hz | 1KHz | ≥10KHz |
| 1 ~ 47 | 0.80 | 1.00 | 1.20 | 1.30 | 1.50 |
| 100 ~ 1500 | 0.80 | 1.00 | 1.10 | 1.15 | 1.20 |