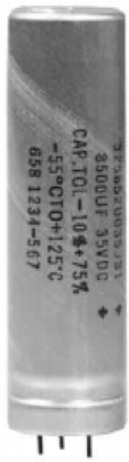


# Type 325/326, $-55\text{ }^{\circ}\text{C}$ to $125\text{ }^{\circ}\text{C}$ Long-Life, Switching Power Grade Radial

## High Temperature and Ultra-Low ESR



Type 325



Type 326

The Types 325 and 326 are the ultra-wide-temperature, low-ESR capacitors for switching power-supply outputs and automotive applications. The  $125\text{ }^{\circ}\text{C}$  capability and exceptionally low ESRs enable high ripple-current capability. With series inductance of 12 to 16 nH and ripple currents to 27 amps one of these capacitors can save by replacing eight to ten of the 12.5 mm diameter capacitors routinely at the output of switching power supplies. Type 325 has three leads for rugged, reverse-proof mounting, and Type 326 has two leads.

### Highlights

- 2000 hour life test at  $125\text{ }^{\circ}\text{C}$
- Ripple Current to 27 amps
- ESRs to  $5\text{ m}\Omega$
- $> 90\%$  capacitance at  $-40\text{ }^{\circ}\text{C}$
- Replaces multiple capacitors

### Specifications

**Operating Temperature:**

$-55\text{ }^{\circ}\text{C}$  to  $125\text{ }^{\circ}\text{C}$

**Rated Voltage:**

6.3 to 63 Vdc –

**Capacitance:**

880  $\mu\text{F}$  to 46,000  $\mu\text{F}$

**Capacitance Tolerance:**

$-10\text{ }^{+75}\%$

**Leakage Current:**

$\leq 0.5\sqrt{CV}\text{ }\mu\text{A}$ , 4 mA max, 5 minutes

**Cold Impedance:**

$-55\text{ }^{\circ}\text{C}$  multiple of  $25\text{ }^{\circ}\text{C}$   $Z \leq 2.5 @ 120\text{ Hz}$

$\leq 20$  from 20–100 kHz

**Ripple Current Multipliers:**

**Ambient Temperature**

| 45°C | 55°C | 65°C | 75°C | 85°C | 95°C | 105°C | 115°C | 125°C |
|------|------|------|------|------|------|-------|-------|-------|
| 1.39 | 1.3  | 1.21 | 1.11 | 1.00 | 0.88 | 0.73  | 0.55  | 0.26  |

**Frequency**

| 120 Hz      | 360 Hz | 400 Hz | 1 kHz | 20-100 kHz |
|-------------|--------|--------|-------|------------|
| see ratings | 0.76   | 0.77   | 0.85  | 1.00       |

**Life Test:**

2000 h with rated voltage at  $125\text{ }^{\circ}\text{C}$

$\Delta$  capacitance  $\pm 10\%$

ESR 125 % of limit

DCL 100 % of limit

**Load Life:**

4000 h at full load at  $85\text{ }^{\circ}\text{C}$

$\Delta$  capacitance  $\pm 10\%$

ESR 200 % of limit

DCL 100 % of limit

**Shelf Life:**

500 h at  $105\text{ }^{\circ}\text{C}$ ,

$\Delta$  capacitance  $\pm 10\%$ ,

ESR 110% of limit,

DCL 200% of limit

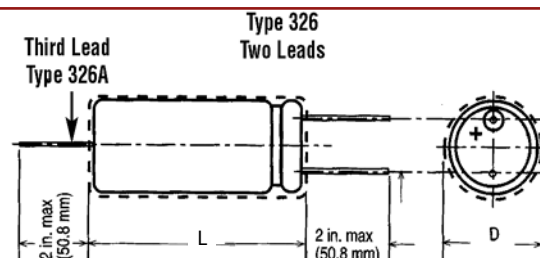
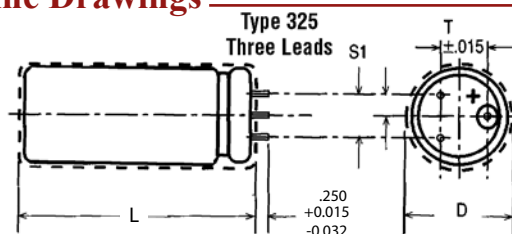
**Vibration:**

10 to 55 Hz, 0.06" and 10 g max, 2 h each plane



Complies with the EU Directive 2002/95/EC requirement restricting the use of Lead (Pb), Mercury (Hg), Cadmium (Cd), Hexavalent chromium (Cr(VI)), PolyBrominated Biphenyls (PBB) and PolyBrominated Diphenyl Ethers (PBDE).

### Outline Drawings



# Type 325/326, -55 °C to 125 °C Long-Life, Switching Power Grade Radial

| Case<br>Code                   | Insulated          |                           | Bare Can           |                | Lead Spacing |                | Lead Diameter |    |
|--------------------------------|--------------------|---------------------------|--------------------|----------------|--------------|----------------|---------------|----|
|                                | D ± 0.015 (0.4 mm) | Epoxy<br>endseal L<br>Max | D ± 0.015 (0.4 mm) | Type 325       | Type 326     | dia.           | AWG           |    |
|                                | L ± 0.062 (1.6 mm) |                           | L ± 0.030 (0.8 mm) | S1             | T            | S2             |               |    |
|                                | D x L              |                           | D x L              | ±0.020(0.5 mm) |              | ±0.020(0.5 mm) |               |    |
| Case Dimensions in Inches      |                    |                           |                    |                |              |                |               |    |
| GE                             | .765 x 1.150       | 1.212                     | 0.750 x 1.125      | 0.200          | 0.300        | 0.300          | 0.040         | 18 |
| GJ                             | .765 x 1.650       | 1.712                     | 0.750 x 1.625      | 0.200          | 0.300        | 0.300          | 0.040         | 18 |
| GL                             | .765 x 2.150       | 2.212                     | 0.750 x 2.125      | 0.200          | 0.300        | 0.300          | 0.040         | 18 |
| GP                             | .765 x 2.650       | 2.712                     | 0.750 x 2.625      | 0.200          | 0.300        | 0.300          | 0.040         | 18 |
| GS                             | .765 x 3.150       | 3.212                     | 0.750 x 3.125      | 0.200          | 0.300        | 0.300          | 0.040         | 18 |
| GT                             | .765 x 3.650       | 3.712                     | 0.750 x 3.625      | 0.200          | 0.300        | 0.300          | 0.040         | 18 |
| HE                             | .890 x 1.150       | 1.212                     | 0.875 x 1.125      | 0.300          | 0.400        | 0.300          | 0.040         | 18 |
| HJ                             | .890 x 1.650       | 1.712                     | 0.875 x 1.625      | 0.300          | 0.400        | 0.300          | 0.040         | 18 |
| HL                             | .890 x 2.150       | 2.212                     | 0.875 x 2.125      | 0.300          | 0.400        | 0.300          | 0.040         | 18 |
| HP                             | .890 x 2.650       | 2.712                     | 0.875 x 2.625      | 0.300          | 0.400        | 0.300          | 0.040         | 18 |
| HS                             | .890 x 3.150       | 3.212                     | 0.875 x 3.125      | 0.300          | 0.400        | 0.300          | 0.040         | 18 |
| HT                             | .890 x 3.650       | 3.712                     | 0.875 x 3.625      | 0.300          | 0.400        | 0.300          | 0.040         | 18 |
| JE                             | 1.015 x 1.150      | 1.212                     | 1.000 x 1.125      | 0.300          | 0.400        | 0.400          | 0.040         | 18 |
| JJ                             | 1.015 x 1.650      | 1.712                     | 1.000 x 1.625      | 0.300          | 0.400        | 0.400          | 0.040         | 18 |
| JL                             | 1.015 x 2.150      | 2.212                     | 1.000 x 2.125      | 0.300          | 0.400        | 0.400          | 0.040         | 18 |
| JP                             | 1.015 x 2.650      | 2.712                     | 1.000 x 2.625      | 0.300          | 0.400        | 0.400          | 0.040         | 18 |
| JS                             | 1.015 x 3.150      | 3.212                     | 1.000 x 3.125      | 0.300          | 0.400        | 0.400          | 0.040         | 18 |
| JT                             | 1.015 x 3.650      | 3.712                     | 1.000 x 3.625      | 0.300          | 0.400        | 0.400          | 0.040         | 18 |
| Case Dimensions in Millimeters |                    |                           |                    |                |              |                |               |    |
| GE                             | 19.4 x 29.2        | 30.8                      | 19.1 x 28.6        | 5.08           | 7.62         | 7.62           | 1.02          | 18 |
| GJ                             | 19.4 x 41.9        | 43.5                      | 19.1 x 41.3        | 5.08           | 7.62         | 7.62           | 1.02          | 18 |
| GL                             | 19.4 x 54.6        | 56.2                      | 19.1 x 54.0        | 5.08           | 7.62         | 7.62           | 1.02          | 18 |
| GP                             | 19.4 x 67.3        | 68.9                      | 19.1 x 66.7        | 5.08           | 7.62         | 7.62           | 1.02          | 18 |
| GS                             | 19.4 x 80.0        | 81.6                      | 19.1 x 79.4        | 5.08           | 7.62         | 7.62           | 1.02          | 18 |
| GT                             | 19.4 x 92.7        | 94.3                      | 19.1 x 92.1        | 5.08           | 7.62         | 7.62           | 1.02          | 18 |
| HE                             | 22.6 x 29.2        | 30.8                      | 22.2 x 28.6        | 7.62           | 10.16        | 7.62           | 1.02          | 18 |
| HJ                             | 22.6 x 41.9        | 43.5                      | 22.2 x 41.3        | 7.62           | 10.16        | 7.62           | 1.02          | 18 |
| HL                             | 22.6 x 54.6        | 56.2                      | 22.2 x 54.0        | 7.62           | 10.16        | 7.62           | 1.02          | 18 |
| HP                             | 22.6 x 67.3        | 68.9                      | 22.2 x 66.7        | 7.62           | 10.16        | 7.62           | 1.02          | 18 |
| HS                             | 22.6 x 80.0        | 81.6                      | 22.2 x 79.4        | 7.62           | 10.16        | 7.62           | 1.02          | 18 |
| HT                             | 22.6 x 92.7        | 94.3                      | 22.2 x 92.1        | 7.62           | 10.16        | 7.62           | 1.02          | 18 |
| JE                             | 25.8 x 29.2        | 30.8                      | 25.4 x 28.6        | 7.62           | 10.16        | 10.16          | 1.02          | 18 |
| JJ                             | 25.8 x 41.9        | 43.5                      | 25.4 x 41.3        | 7.62           | 10.16        | 10.16          | 1.02          | 18 |
| HL                             | 25.8 x 54.6        | 56.2                      | 25.4 x 54.0        | 7.62           | 10.16        | 10.16          | 1.02          | 18 |
| JP                             | 25.8 x 67.3        | 68.9                      | 25.4 x 66.7        | 7.62           | 10.16        | 10.16          | 1.02          | 18 |
| JS                             | 25.8 x 80.0        | 81.6                      | 25.4 x 79.4        | 7.62           | 10.16        | 10.16          | 1.02          | 18 |
| JT                             | 25.8 x 92.7        | 94.3                      | 25.4 x 92.1        | 7.62           | 10.16        | 10.16          | 1.02          | 18 |

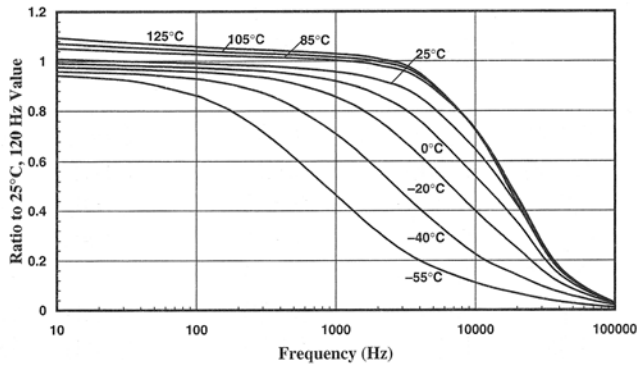
## Part Numbering System

|                         |              |               |            |           |               |                   |
|-------------------------|--------------|---------------|------------|-----------|---------------|-------------------|
| <b>325</b>              | <b>393</b>   | <b>U</b>      | <b>6R3</b> | <b>JS</b> | <b>1</b>      | <b>E</b>          |
| Type                    | Capacitance  | Tolerance     | Voltage    | Case Code | Insulation    | Epoxy             |
| 325 - 3 leads           | 152=1500 µF  | M = 20%       | 6R3=6.3 V  | See       | 0 = bare can  | (blank) =no epoxy |
| 326 - 2 leads           | 393=39000 µF | T = 10% + 50% | 035=35 V   | Ratings   | 1 = polyester | E = Epoxy endseal |
| 326A - 3 leads, laydown |              | U = 10% + 75% |            |           |               |                   |

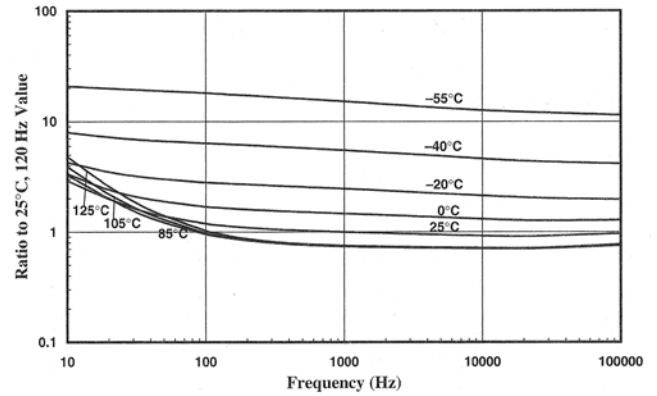
# Type 325/326, -55 °C to 125 °C Long-Life, Switching Power Grade Radial

## Typical Performance Curves

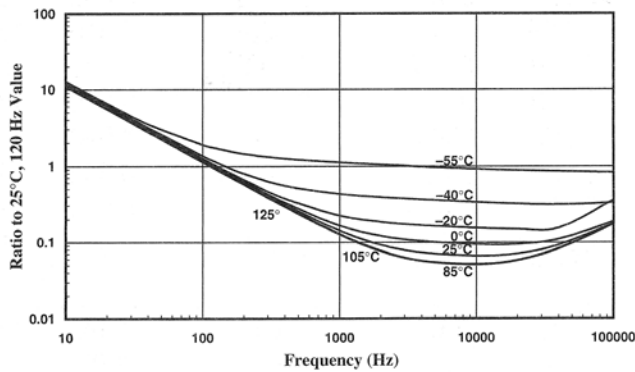
Type 325 Capacitance vs Temperature & Frequency, 10000  $\mu$ F, 16 V



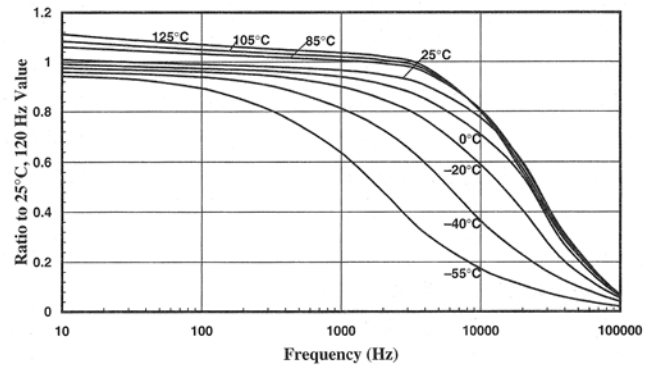
Type 325 ESR vs Temperature and Frequency, 10000  $\mu$ F, 16 V



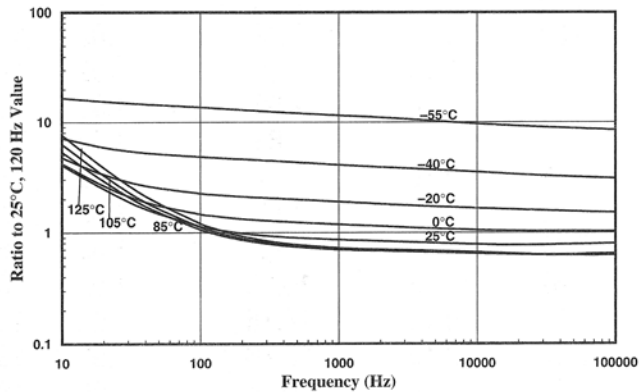
Type 325 Impedance vs Temperature and Frequency, 10000  $\mu$ F, 16 V



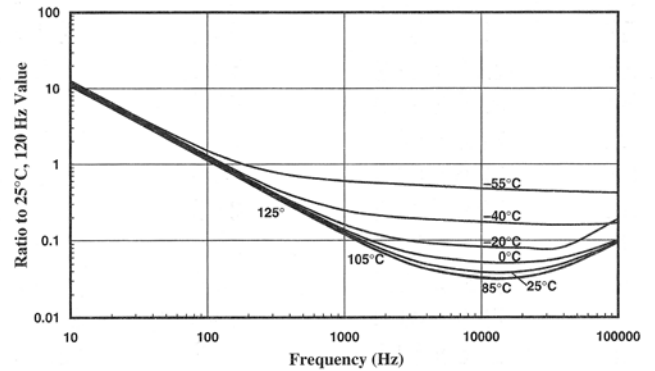
Type 325 Capacitance vs Temperature & Frequency, 5600  $\mu$ F, 25 V



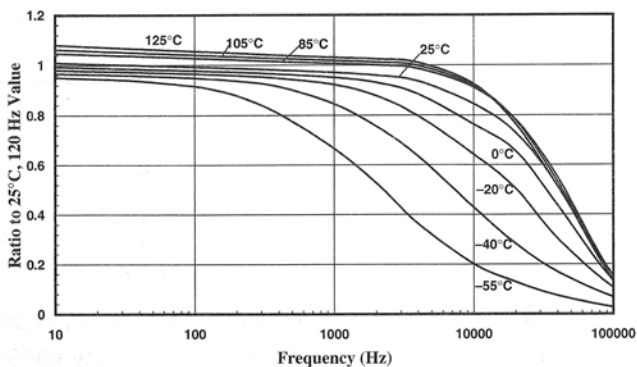
Type 325 ESR vs Temperature and Frequency, 5600  $\mu$ F, 25 V



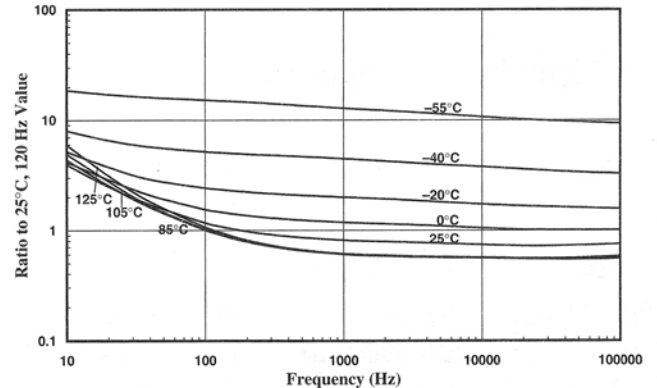
Type 325 Impedance vs Temperature and Frequency, 5600  $\mu$ F, 25 V



Type 325 Capacitance vs Temperature & Frequency, 3900  $\mu$ F, 35 V



Type 325 ESR vs Temperature and Frequency, 3900  $\mu$ F, 35 V



# Type 325/326, -55 °C to 125 °C Long-Life, Switching Power Grade Radial Ratings

| Cap.<br>(μF)          | Catalog<br>Part Number | ESR MAX<br>@ 25°C     |      | Ripple MAX<br>@ 85°C |       | Nom Size<br>Insulated<br>D X L<br>(in) |
|-----------------------|------------------------|-----------------------|------|----------------------|-------|----------------------------------------|
|                       |                        | 120 Hz 20 kHz<br>(mΩ) |      | 120 Hz 20 kHz<br>(A) |       |                                        |
| 6.3 Vdc (8 Vdc Surge) |                        |                       |      |                      |       |                                        |
| 4400                  | 325442U6R3GE1          | 65.7                  | 36.2 | 3.95                 | 5.31  | 0.77 X 1.15                            |
| 5800                  | 325582U6R3HE1          | 42.8                  | 26.0 | 5.37                 | 6.89  | 0.89 X 1.15                            |
| 7100                  | 325712U6R3GJ1          | 41.9                  | 23.5 | 5.68                 | 7.59  | 0.77 X 1.65                            |
| 7700                  | 325772U6R3JE1          | 28.5                  | 17.2 | 7.16                 | 9.22  | 1.02 X 1.15                            |
| 11000                 | 325113U6R3GL1          | 29.5                  | 16.2 | 7.56                 | 10.21 | 0.77 X 2.15                            |
| 12000                 | 325123U6R3HJ1          | 26.5                  | 14.7 | 7.81                 | 10.51 | 0.89 X 1.65                            |
| 14000                 | 325143U6R3GP1          | 20.9                  | 13.6 | 9.85                 | 12.21 | 0.77 X 2.65                            |
| 15000                 | 325153U6R3JJ1          | 16.2                  | 11.1 | 10.88                | 13.13 | 1.02 X 1.65                            |
| 17000                 | 325173U6R3HL1          | 18.7                  | 11.0 | 10.46                | 13.60 | 0.89 X 2.15                            |
| 18000                 | 325183U6R3GS1          | 18.1                  | 11.6 | 11.42                | 14.23 | 0.77 X 3.15                            |
| 21000                 | 325213U6R3GT1          | 16.5                  | 10.6 | 12.75                | 15.94 | 0.77 X 3.65                            |
| 23000                 | 325233U6R3HP1          | 14.3                  | 8.6  | 13.02                | 16.81 | 0.89 X 2.65                            |
| 23000                 | 325233U6R3JL1          | 14.3                  | 8.7  | 12.86                | 16.51 | 1.02 X 2.15                            |
| 29000                 | 325293U6R3HS1          | 10.5                  | 7.4  | 16.40                | 19.48 | 0.89 X 3.15                            |
| 31000                 | 325313U6R3JP1          | 10.5                  | 7.3  | 16.40                | 19.61 | 1.02 X 2.65                            |
| 35000                 | 325353U6R3HT1          | 10.1                  | 6.2  | 17.75                | 22.70 | 0.89 X 3.65                            |
| 39000                 | 325393U6R3JS1          | 9.5                   | 6.3  | 18.55                | 22.89 | 1.02 X 3.15                            |
| 46000                 | 325463U6R3JT1          | 8.3                   | 5.2  | 21.23                | 26.70 | 1.02 X 3.65                            |
| 10 Vdc (13 Vdc Surge) |                        |                       |      |                      |       |                                        |
| 3300                  | 325332U010GE1          | 75.5                  | 36.2 | 3.68                 | 5.31  | 0.77 X 1.15                            |
| 4700                  | 325472U010HE1          | 42.8                  | 26.0 | 5.37                 | 6.89  | 0.89 X 1.15                            |
| 5400                  | 325542U010GJ1          | 42.7                  | 23.5 | 5.63                 | 7.59  | 0.77 X 1.65                            |
| 6400                  | 325642U010JE1          | 36.7                  | 17.2 | 6.30                 | 9.22  | 1.02 X 1.15                            |
| 8000                  | 325802U010GL1          | 31.4                  | 16.2 | 7.33                 | 10.21 | 0.77 X 2.15                            |
| 9300                  | 325932U010HJ1          | 25.7                  | 14.7 | 7.95                 | 10.51 | 0.89 X 1.65                            |
| 11000                 | 325113U010GP1          | 20.9                  | 13.6 | 9.85                 | 12.21 | 0.77 X 2.65                            |
| 13000                 | 325133U010GS1          | 19                    | 11.6 | 11.13                | 14.23 | 0.77 X 3.15                            |
| 13000                 | 325133U010JJ1          | 22.9                  | 11.1 | 9.16                 | 13.13 | 1.02 X 1.65                            |
| 14000                 | 325143U010HL1          | 17.3                  | 11.0 | 10.86                | 13.60 | 0.89 X 2.15                            |
| 16000                 | 325163U010GT1          | 17                    | 10.4 | 12.57                | 16.08 | 0.77 X 3.65                            |
| 19000                 | 325193U010HP1          | 14.2                  | 8.6  | 13.04                | 16.81 | 0.89 X 2.65                            |
| 19000                 | 325193U010JL1          | 16.2                  | 8.7  | 12.10                | 16.51 | 1.02 X 2.15                            |
| 23000                 | 325233U010HS1          | 11.4                  | 7.4  | 15.73                | 19.48 | 0.89 X 3.15                            |
| 26000                 | 325263U010JP1          | 11.4                  | 7.3  | 15.73                | 19.61 | 1.02 X 2.65                            |
| 28000                 | 325283U010HT1          | 10.1                  | 6.2  | 17.75                | 22.70 | 0.89 X 3.6                             |
| 32000                 | 325323U010JS1          | 10.5                  | 6.3  | 17.69                | 22.89 | 1.02 X 3.15                            |
| 38000                 | 325383U010JT1          | 8.7                   | 5.2  | 20.67                | 26.70 | 1.02 X 3.65                            |
| 16 Vdc (20 Vdc Surge) |                        |                       |      |                      |       |                                        |
| 2000                  | 325202U016GE1          | 92.6                  | 35.0 | 3.33                 | 5.41  | 0.77 X 1.15                            |
| 2800                  | 325282U016HE1          | 63.8                  | 26.0 | 4.40                 | 6.89  | 0.89 X 1.15                            |
| 3200                  | 325322U016GJ1          | 50.4                  | 23.5 | 5.18                 | 7.59  | 0.77 X 1.65                            |
| 3800                  | 325382U016JE1          | 48.6                  | 17.2 | 5.48                 | 9.22  | 1.02 X 1.15                            |
| 4800                  | 325482U016GL1          | 35.3                  | 16.2 | 6.92                 | 10.21 | 0.77 X 2.15                            |
| 5600                  | 325562U016HJ1          | 32.2                  | 14.7 | 7.09                 | 10.51 | 0.89 X 1.65                            |
| 6400                  | 325642U016GP1          | 26.6                  | 13.6 | 8.73                 | 12.21 | 0.77 X 2.65                            |
| 7700                  | 325772U016JJ1          | 24.8                  | 11.1 | 8.79                 | 13.13 | 1.02 X 1.65                            |
| 8000                  | 325802U016GS1          | 22.8                  | 11.6 | 10.17                | 14.23 | 0.77 X 3.15                            |

| Cap.<br>(μF)                 | Catalog<br>Part Number | ESR MAX<br>@ 25°C<br>120 Hz 20 kHz<br>(mΩ) |      | Ripple MAX<br>@ 85°C<br>120 Hz 20 kHz<br>(A) |       | Nom Size<br>Insulated<br>D X L<br>(in) |
|------------------------------|------------------------|--------------------------------------------|------|----------------------------------------------|-------|----------------------------------------|
| 8400                         | 325842U016HL1          | 22.1                                       | 11.0 | 9.61                                         | 13.60 | 0.89 X 2.15                            |
| 9600                         | 325962U016GT1          | 24.8                                       | 10.1 | 10.41                                        | 16.28 | 0.77 X 3.65                            |
| 11000                        | 325113U016HP1          | 17.2                                       | 8.6  | 11.87                                        | 16.81 | 0.89 X 2.65                            |
| 12000                        | 325123U016JL1          | 17.2                                       | 8.7  | 11.74                                        | 16.51 | 1.02 X 2.15                            |
| 14000                        | 325143U016HS1          | 14.3                                       | 7.4  | 14.05                                        | 19.48 | 0.89 X 3.15                            |
| 15000                        | 325153U016JP1          | 13.3                                       | 7.3  | 14.55                                        | 19.61 | 1.02 X 2.65                            |
| 17000                        | 325173U016HT1          | 14.9                                       | 6.2  | 14.59                                        | 22.60 | 0.89 X 3.65                            |
| 19000                        | 325193U016JS1          | 11.4                                       | 6.3  | 16.92                                        | 22.89 | 1.02 X 3.15                            |
| 23000                        | 325233U016JT1          | 9.5                                        | 5.2  | 19.82                                        | 26.70 | 1.02 X 3.65                            |
| <b>25 Vdc (32 Vdc Surge)</b> |                        |                                            |      |                                              |       |                                        |
| 1300                         | 325132U025GE1          | 109.0                                      | 35.0 | 3.07                                         | 5.41  | 0.77 X 1.15                            |
| 1800                         | 325182U025HE1          | 70.8                                       | 26.0 | 4.17                                         | 6.89  | 0.89 X 1.15                            |
| 2100                         | 325212U025GJ1          | 55.1                                       | 23.5 | 4.96                                         | 7.59  | 0.77 X 1.65                            |
| 2500                         | 325252U025JE1          | 52.5                                       | 17.2 | 5.27                                         | 9.22  | 1.02 X 1.15                            |
| 3100                         | 325312U025GL1          | 38.0                                       | 16.2 | 6.66                                         | 10.21 | 0.77 X 2.15                            |
| 3600                         | 325362U025HJ1          | 35.0                                       | 14.7 | 6.80                                         | 10.51 | 0.89 X 1.65                            |
| 4100                         | 325412U025GP1          | 28.6                                       | 13.6 | 8.42                                         | 12.21 | 0.77 X 2.65                            |
| 4900                         | 325492U025JJ1          | 26.6                                       | 11.1 | 8.49                                         | 13.13 | 1.02 X 1.65                            |
| 5100                         | 325512U025GS1          | 24.8                                       | 11.6 | 9.76                                         | 14.23 | 0.77 X 3.15                            |
| 5400                         | 325542U025HL1          | 24.0                                       | 11.0 | 9.22                                         | 13.60 | 0.89 X 2.15                            |
| 6200                         | 325622U025GT1          | 24.8                                       | 10.1 | 10.41                                        | 16.28 | 0.77 X 3.65                            |
| 7200                         | 325722U025HP1          | 19.1                                       | 8.6  | 11.26                                        | 16.81 | 0.89 X 2.65                            |
| 7400                         | 325742U025JL1          | 19.1                                       | 8.7  | 11.13                                        | 16.51 | 1.02 X 2.15                            |
| 8900                         | 325892U025HS1          | 15.2                                       | 7.4  | 13.60                                        | 19.48 | 0.89 X 3.15                            |
| 9800                         | 325982U025JP1          | 15.3                                       | 7.3  | 13.60                                        | 19.61 | 1.02 X 2.65                            |
| 11000                        | 325113U025HT1          | 14.9                                       | 6.2  | 14.59                                        | 22.60 | 0.89 X 3.65                            |
| 12000                        | 325123U025JS1          | 12.4                                       | 6.3  | 16.27                                        | 22.89 | 1.02 X 3.15                            |
| 15000                        | 325153U025JT1          | 9.5                                        | 5.2  | 19.82                                        | 26.7  | 1.02 X 3.65                            |
| <b>35 Vdc (44 Vdc Surge)</b> |                        |                                            |      |                                              |       |                                        |
| 880                          | 325881U035GE1          | 124.0                                      | 35.0 | 2.88                                         | 5.41  | 0.77 X 1.15                            |
| 1100                         | 325112U035HE1          | 85.6                                       | 26.0 | 3.79                                         | 6.89  | 0.89 X 1.15                            |
| 1500                         | 325152U035GJ1          | 66.6                                       | 23.5 | 4.51                                         | 7.59  | 0.77 X 1.65                            |
| 1700                         | 325172U035JE1          | 63.8                                       | 17.2 | 4.78                                         | 9.22  | 1.02 X 1.15                            |
| 2200                         | 325222U035HJ1          | 42.8                                       | 14.7 | 6.15                                         | 10.51 | 0.89 X 1.65                            |
| 2200                         | 325222U035GL1          | 45.7                                       | 16.2 | 6.08                                         | 10.21 | 0.77 X 2.15                            |
| 3000                         | 325302U035GP1          | 35.2                                       | 13.6 | 7.59                                         | 12.21 | 0.77 X 2.65                            |
| 3300                         | 325332U035HL1          | 29.7                                       | 11.0 | 8.28                                         | 13.60 | 0.89 X 2.15                            |
| 3400                         | 325342U035JJ1          | 32.4                                       | 11.1 | 7.70                                         | 13.13 | 1.02 X 1.65                            |
| 3700                         | 325372U035GS1          | 28.6                                       | 11.6 | 9.09                                         | 14.23 | 0.77 X 3.15                            |
| 4300                         | 325432U035GT1          | 24.8                                       | 10.1 | 10.41                                        | 16.28 | 0.77 X 3.65                            |
| 4400                         | 325442U035HP1          | 22.9                                       | 8.6  | 10.28                                        | 16.81 | 0.89 X 2.65                            |
| 5100                         | 325512U035JL1          | 21.9                                       | 8.7  | 10.39                                        | 16.51 | 1.02 X 2.15                            |
| 5500                         | 325552U035HS1          | 18.1                                       | 7.4  | 12.47                                        | 19.48 | 0.89 X 3.15                            |
| 6300                         | 325632U035HT1          | 14.9                                       | 6.2  | 14.59                                        | 22.60 | 0.89 X 3.65                            |
| 6800                         | 325682U035JP1          | 17.1                                       | 7.3  | 12.83                                        | 19.61 | 1.02 X 2.65                            |
| 8500                         | 325852U035JS1          | 14.3                                       | 6.3  | 15.15                                        | 22.89 | 1.02 X 3.15                            |
| 10000                        | 325103U035JT1          | 12.4                                       | 5.2  | 17.37                                        | 26.70 | 1.02 X 3.65                            |

## **Type 325/326, –55 °C to 125 °C Long-Life, Switching Power Grade Radial**

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