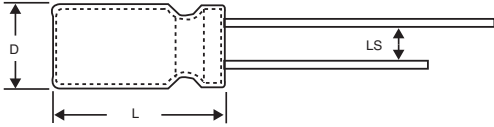


VISHAY / SPRAGUE Aluminum Electrolytic Capacitors

RoHS Compliant This product is RoHS compliant.

515D and 517D Dimensions Table

| CASE CODE is listed in BOLD in Vishay Part No. Column | | | | | |
|-------------------------------------------------------|-------------------------------------|--------------------|-----------|-------------------------------------|----------------------|
| Case Code | Nominal Case Size D x L in. (mm) | Lead Spacing LS | Case Code | Nominal Case Size D x L in. (mm) | Lead Spacing (LS) |
| JA | .197 x .433 (5.0 x 11.0) | .079 (2.0) | DG | .492 x .787 (12.5 x 20.0) | .197 (5.0) |
| AA | .248 x .433 (6.3 x 11.0) | .098 (2.5) | DK | .492 x .984 (12.5 x 25.0) | .197 (5.0) |
| BB | .315 x .453 (8.0 x 11.5) | .138 (3.5) | EK | .630 x .984 (16.0 x 25.0) | .295 (7.5) |
| CC | .394 x .492 (10.0 x 12.5) | .197 (5.0) | EN | .630 x 1.240 (16.0 x 31.5) | .295 (7.5) |
| CD | .394 x .630 (10.0 x 16.0) | .197 (5.0) | FR | .709 x 1.398 (18.0 x 35.5) | .295 (7.5) |
| CG | .394 x .787 (10.0 x 20.0) | .197 (5.0) | | | |



Aluminum Caps, Leaded Vishay

VISHAY / SPRAGUE 515D MINIATURE -85°C GENERAL PURPOSE TYPE

RoHS Compliant

Specifications:

- Operating temperature: -40°C to +85°
- Tolerance: ±20%
- Life validation test: 2000 hours @ +85°C

Features:

- 85°C max. temperature
- High CV per case size
- Solvent resistant construction (through 100WVDC)
- Low profile ratings

For quantities of 500 and up, call for quote.

| MOUSER STOCK NO. | Vishay Part No. | Value (µF) | Price Each | | | |
|----------------------|-------------------|------------|------------|------|------|------|
| | | | 1 | 25 | 100 | 250 |
| 10 Volt | | | | | | |
| 75-515D476M010JA6AE3 | 515D476M010JA6AE3 | 47 | .11 | .10 | .09 | .08 |
| 75-515D107M010JA6AE3 | 515D107M010JA6AE3 | 100 | .13 | .12 | .10 | .09 |
| 75-515D477M010BB6AE3 | 515D477M010BB6AE3 | 470 | .28 | .26 | .23 | .21 |
| 75-515D108M010CD6AE3 | 515D108M010CD6AE3 | 1000 | .45 | .40 | .36 | .32 |
| 16 Volt | | | | | | |
| 75-515D336M016JA6AE3 | 515D336M016JA6AE3 | 33 | .11 | .10 | .09 | .08 |
| 75-515D476M016JA6AE3 | 515D476M016JA6AE3 | 47 | .10 | .08 | .06 | .06 |
| 75-515D107M016AA6AE3 | 515D107M016AA6AE3 | 100 | .18 | .12 | .08 | .07 |
| 75-515D227M016BB6AE3 | 515D227M016BB6AE3 | 220 | .21 | .19 | .18 | .15 |
| 75-515D337M016BB6AE3 | 515D337M016BB6AE3 | 330 | .28 | .26 | .23 | .21 |
| 75-515D477M016CC6AE3 | 515D477M016CC6AE3 | 470 | .36 | .33 | .30 | .26 |
| 75-515D108M016CG6AE3 | 515D108M016CG6AE3 | 1000 | .45 | .36 | .29 | .27 |
| 75-515D228M016DK6AE3 | 515D228M016DK6AE3 | 2200 | 1.34 | 1.22 | 1.11 | .98 |
| 25 Volt | | | | | | |
| 75-515D106M025JA6AE3 | 515D106M025JA6AE3 | 10 | .11 | .10 | .09 | .08 |
| 75-515D226M025JA6AE3 | 515D226M025JA6AE3 | 22 | .13 | .12 | .11 | .10 |
| 75-515D336M025JA6AE3 | 515D336M025JA6AE3 | 33 | .13 | .12 | .11 | .10 |
| 75-515D476M025JA6AE3 | 515D476M025JA6AE3 | 47 | .15 | .14 | .12 | .11 |
| 75-515D107M025AA6AE3 | 515D107M025AA6AE3 | 100 | .20 | .18 | .16 | .14 |
| 75-515D227M025BB6AE3 | 515D227M025BB6AE3 | 220 | .28 | .26 | .23 | .21 |
| 75-515D337M025CC6AE3 | 515D337M025CC6AE3 | 330 | .36 | .33 | .30 | .26 |
| 75-515D477M025CD6AE3 | 515D477M025CD6AE3 | 470 | .50 | .45 | .41 | .36 |
| 75-515D108M025DG6AE3 | 515D108M025DG6AE3 | 1000 | .88 | .78 | .70 | .63 |
| 75-515D228M025EK6AE3 | 515D228M025EK6AE3 | 2200 | 1.87 | 1.70 | 1.55 | 1.36 |
| 35 Volt | | | | | | |
| 75-515D106M035JA6AE3 | 515D106M035JA6AE3 | 10 | .11 | .10 | .09 | .08 |
| 75-515D226M035JA6AE3 | 515D226M035JA6AE3 | 22 | .13 | .12 | .11 | .10 |
| 75-515D336M035JA6AE3 | 515D336M035JA6AE3 | 33 | .10 | .08 | .06 | .06 |
| 75-515D476M035AA6AE3 | 515D476M035AA6AE3 | 47 | .18 | .12 | .08 | .07 |
| 75-515D107M035BB6AE3 | 515D107M035BB6AE3 | 100 | .26 | .23 | .21 | .19 |
| 75-515D227M035CC6AE3 | 515D227M035CC6AE3 | 220 | .36 | .33 | .30 | .26 |
| 75-515D337M035CD6AE3 | 515D337M035CD6AE3 | 330 | .50 | .45 | .41 | .36 |
| 75-515D477M035CG6AE3 | 515D477M035CG6AE3 | 470 | .63 | .57 | .52 | .46 |
| 75-515D108M035DK6AE3 | 515D108M035DK6AE3 | 1000 | 1.50 | 1.29 | 1.18 | 1.08 |
| 75-515D228M035EN6AE3 | 515D228M035EN6AE3 | 2200 | 1.69 | 1.36 | 1.09 | 1.00 |
| 50 Volt | | | | | | |
| 75-515D474M050JA6AE3 | 515D474M050JA6AE3 | 0.47 | .11 | .10 | .09 | .08 |
| 75-515D105M050JA6AE3 | 515D105M050JA6AE3 | 1 | .11 | .10 | .09 | .08 |
| 75-515D225M050JA6AE3 | 515D225M050JA6AE3 | 2.2 | .11 | .10 | .09 | .08 |
| 75-515D335M050JA6AE3 | 515D335M050JA6AE3 | 3.3 | .11 | .10 | .09 | .08 |
| 75-515D475M050JA6AE3 | 515D475M050JA6AE3 | 4.7 | .11 | .10 | .09 | .08 |
| 75-515D106M050JA6AE3 | 515D106M050JA6AE3 | 10 | .13 | .12 | .10 | .09 |
| 75-515D226M050JA6AE3 | 515D226M050JA6AE3 | 22 | .10 | .08 | .06 | .06 |
| 75-515D336M050AA6AE3 | 515D336M050AA6AE3 | 33 | .20 | .18 | .17 | .15 |
| 75-515D476M050AA6AE3 | 515D476M050AA6AE3 | 47 | .20 | .18 | .16 | .14 |
| 75-515D107M050BB6AE3 | 515D107M050BB6AE3 | 100 | .36 | .32 | .29 | .25 |
| 75-515D227M050CD6AE3 | 515D227M050CD6AE3 | 220 | .48 | .39 | .31 | .29 |
| 75-515D337M050CG6AE3 | 515D337M050CG6AE3 | 330 | .63 | .57 | .52 | .46 |
| 75-515D477M050DG6AE3 | 515D477M050DG6AE3 | 470 | .67 | .54 | .43 | .39 |
| 75-515D108M050EK6AE3 | 515D108M050EK6AE3 | 1000 | 1.10 | .89 | .71 | .65 |
| 75-515D228M050FR6AE3 | 515D228M050FR6AE3 | 2200 | 3.38 | 3.07 | 2.80 | 2.46 |
| 100 Volt | | | | | | |
| 75-515D474M100JA6AE3 | 515D474M100JA6AE3 | 0.47 | .11 | .10 | .09 | .08 |
| 75-515D105M100JA6AE3 | 515D105M100JA6AE3 | 1 | .13 | .12 | .11 | .09 |
| 75-515D225M100JA6AE3 | 515D225M100JA6AE3 | 2.2 | .11 | .10 | .09 | .08 |
| 75-515D106M100AA6AE3 | 515D106M100AA6AE3 | 10 | .20 | .18 | .16 | .14 |
| 75-515D476M100CD6AE3 | 515D476M100CD6AE3 | 47 | .41 | .37 | .34 | .30 |
| 75-515D107M100DG6AE3 | 515D107M100DG6AE3 | 100 | .77 | .69 | .62 | .55 |
| 75-515D337M100EK6AE3 | 515D337M100EK6AE3 | 330 | 1.52 | 1.39 | 1.26 | 1.11 |
| 75-515D477M100EN6AE3 | 515D477M100EN6AE3 | 470 | 2.20 | 2.00 | 1.82 | 1.60 |
| 160 Volt | | | | | | |
| 75-515D106M160CC6AE3 | 515D106M160CC6AE3 | 10 | .37 | .30 | .24 | .22 |
| 250 Volt | | | | | | |
| 75-515D105M250AA6AE3 | 515D105M250AA6AE3 | 1 | .29 | .26 | .23 | .20 |
| 75-515D106M250CG6AE3 | 515D106M250CG6AE3 | 10 | .54 | .43 | .35 | .32 |

VISHAY / SPRAGUE 517D MINIATURE 105°C RADIAL LEAD TYPE

RoHS Compliant

Specifications:

- Operating temperature: -55°C to +105°C, ≤ 100VDC
- -40°C to +105°C ≥ 160VDC
- Tolerance: ±20%
- Rated lifetime: 2000 hours @ +105°C

Features:

- 105°C max. temperature
- High CV per case size
- Solvent resistant construction (through 100WVDC)
- High temperature operation

For quantities of 500 and up, call for quote.

| MOUSER STOCK NO. | Vishay Part No. | Value (µF) | Price Each | | | |
|----------------------|-------------------|------------|------------|------|------|------|
| | | | 1 | 25 | 100 | 250 |
| 10 Volt | | | | | | |
| 75-517D107M010JA6AE3 | 517D107M010JA6AE3 | 100 | .23 | .20 | .18 | .16 |
| 16 Volt | | | | | | |
| 75-517D336M016JA6AE3 | 517D336M016JA6AE3 | 33 | .18 | .16 | .14 | .12 |
| 75-517D476M016JA6AE3 | 517D476M016JA6AE3 | 47 | .23 | .20 | .18 | .16 |
| 75-517D107M016AA6AE3 | 517D107M016AA6AE3 | 100 | .27 | .24 | .21 | .19 |
| 75-517D227M016BB6AE3 | 517D227M016BB6AE3 | 220 | .26 | .21 | .17 | .15 |
| 75-517D337M016BB6AE3 | 517D337M016BB6AE3 | 330 | .34 | .28 | .22 | .20 |
| 75-517D477M016CC6AE3 | 517D477M016CC6AE3 | 470 | .48 | .43 | .37 | .33 |
| 75-517D108M016CG6AE3 | 517D108M016CG6AE3 | 1000 | .60 | .49 | .39 | .36 |
| 75-517D228M016DK6AE3 | 517D228M016DK6AE3 | 2200 | 1.34 | 1.19 | 1.04 | .92 |
| 25 Volt | | | | | | |
| 75-517D226M025JA6AE3 | 517D226M025JA6AE3 | 22 | .22 | .20 | .17 | .15 |
| 75-517D336M025JA6AE3 | 517D336M025JA6AE3 | 33 | .23 | .20 | .18 | .16 |
| 75-517D476M025JA6AE3 | 517D476M025JA6AE3 | 47 | .27 | .24 | .21 | .18 |
| 75-517D107M025AA6AE3 | 517D107M025AA6AE3 | 100 | .32 | .28 | .25 | .22 |
| 75-517D227M025BB6AE3 | 517D227M025BB6AE3 | 220 | .44 | .39 | .34 | .30 |
| 75-517D337M025CC6AE3 | 517D337M025CC6AE3 | 330 | .57 | .50 | .44 | .39 |
| 75-517D477M025CD6AE3 | 517D477M025CD6AE3 | 470 | .76 | .68 | .59 | .52 |
| 75-517D108M025DG6AE3 | 517D108M025DG6AE3 | 1000 | .68 | .55 | .44 | .40 |
| 75-517D228M025EK6AE3 | 517D228M025EK6AE3 | 2200 | 1.66 | 1.48 | 1.29 | 1.11 |
| 35 Volt | | | | | | |
| 75-517D475M035JA6AE3 | 517D475M035JA6AE3 | 4.7 | .18 | .16 | .14 | .12 |
| 75-517D108M035DK6AE3 | 517D108M035DK6AE3 | 1000 | 1.34 | 1.19 | 1.04 | .92 |
| 50 Volt | | | | | | |
| 75-517D105M050JA6AE3 | 517D105M050JA6AE3 | 1 | .18 | .16 | .14 | .12 |
| 75-517D225M050JA6AE3 | 517D225M050JA6AE3 | 2.2 | .18 | .16 | .14 | .12 |
| 75-517D335M050JA6AE3 | 517D335M050JA6AE3 | 3.3 | .18 | .16 | .14 | .12 |
| 75-517D106M050JA6AE3 | 517D106M050JA6AE3 | 10 | .22 | .20 | .17 | .15 |
| 75-517D226M050JA6AE3 | 517D226M050JA6AE3 | 22 | .27 | .24 | .21 | .18 |
| 75-517D336M050AA6AE3 | 517D336M050AA6AE3 | 33 | .29 | .26 | .23 | .20 |
| 75-517D476M050AA6AE3 | 517D476M050AA6AE3 | 47 | .32 | .28 | .25 | .22 |
| 75-517D107M050BB6AE3 | 517D107M050BB6AE3 | 100 | .37 | .30 | .24 | .22 |
| 75-517D227M050CD6AE3 | 517D227M050CD6AE3 | 220 | .70 | .62 | .54 | .48 |
| 75-517D337M050CG6AE3 | 517D337M050CG6AE3 | 330 | .86 | .76 | .67 | .59 |
| 75-517D108M050EK6AE3 | 517D108M050EK6AE3 | 1000 | 1.52 | 1.40 | 1.21 | 1.06 |
| 75-517D228M050FR6AE3 | 517D228M050FR6AE3 | 2200 | 3.39 | 3.01 | 2.64 | 2.33 |
| 100 Volt | | | | | | |
| 75-517D105M100JA6AE3 | 517D105M100JA6AE3 | 1 | .18 | .16 | .14 | .12 |
| 75-517D335M100JA6AE3 | 517D335M100JA6AE3 | 3.3 | .22 | .20 | .17 | .15 |
| 75-517D475M100JA6AE3 | 517D475M100JA6AE3 | 4.7 | .22 | .20 | .17 | .15 |
| 75-517D106M100AA6AE3 | 517D106M100AA6AE3 | 10 | .29 | .26 | .23 | .20 |
| 75-517D226M100BB6AE3 | 517D226M100BB6AE3 | 22 | .26 | .21 | .17 | .15 |
| 75-517D336M100CC6AE3 | 517D336M100CC6AE3 | 33 | .44 | .39 | .34 | .30 |
| 75-517D476M100CD6AE3 | 517D476M100CD6AE3 | 47 | .50 | .44 | .39 | .34 |
| 75-517D107M100DG6AE3 | 517D107M100DG6AE3 | 100 | .77 | .69 | .60 | .53 |
| 75-517D227M100EK6AE3 | 517D227M100EK6AE3 | 220 | 1.40 | 1.24 | 1.09 | .96 |
| 75-517D337M100EK6AE3 | 517D337M100EK6AE3 | 330 | 1.54 | 1.37 | 1.20 | 1.06 |
| 75-517D477M100EN6AE3 | 517D477M100EN6AE3 | 470 | 2.20 | 1.95 | 1.71 | 1.51 |
| 160 Volt | | | | | | |
| 75-517D105M160AA6AE3 | 517D105M160AA6AE3 | 1 | .27 | .24 | .21 | .18 |
| 75-517D226M160AA6AE3 | 517D226M160AA6AE3 | 2.2 | .32 | .29 | .25 | .22 |
| 75-517D106M160CC6AE3 | 517D106M160CC6AE3 | 10 | .52 | .46 | .41 | .36 |
| 75-517D476M16 | | | | | | |