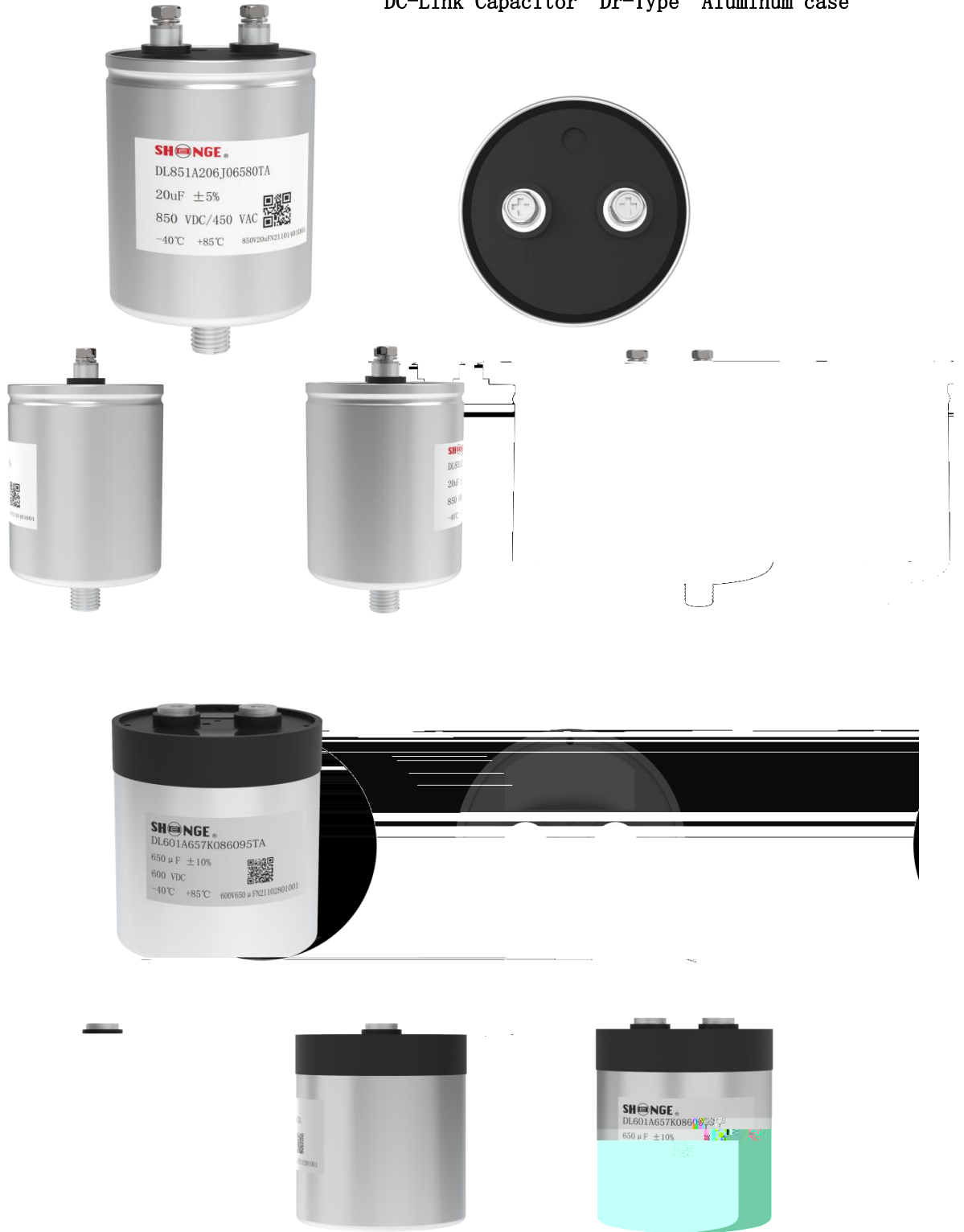


外形图 Outline Drawing

壳干 容器
DC-Link Capacitor Dr-Type Aluminum case



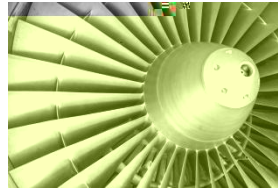
应

Applications

- ◆ 交通工具如电动汽车、混合动力
- ◆ Transportation EV or HEV

- ◆ 发电、太阳能逆变器上
- ◆ Used in inverters of wind power and solar power

- ◆ 电焊机、电梯、电机驱动系统
- ◆ Welders Elevators Motor Driver systems



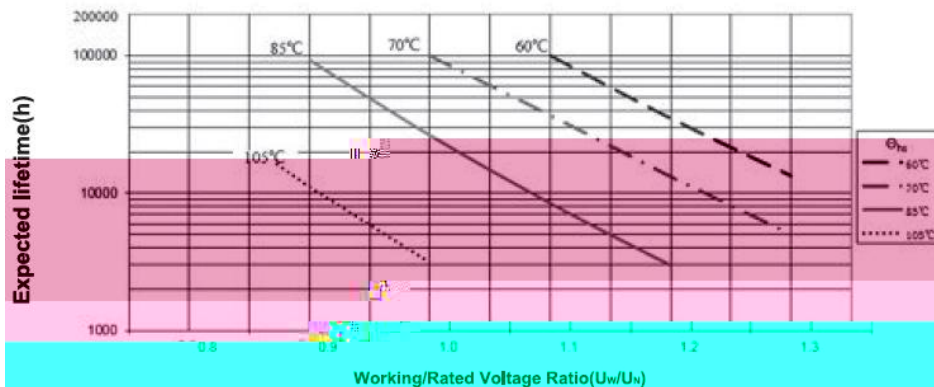
征

- ◆ 可在直流链路中替代电解电容
- ◆ 低纹波
- ◆ 低电感
- ◆ 长寿命
- ◆ 自愈性
- ◆

Features

- ◆ Used in DC-link circuits, can replace electrolytic capacitor
- ◆ Low ESR, high ripple current handling capabilities
- ◆ Low ESL
- ◆ Long Lifetime
- ◆ Self-healing property
- ◆ Filled with resin

寿命图 Expected lifetime curve



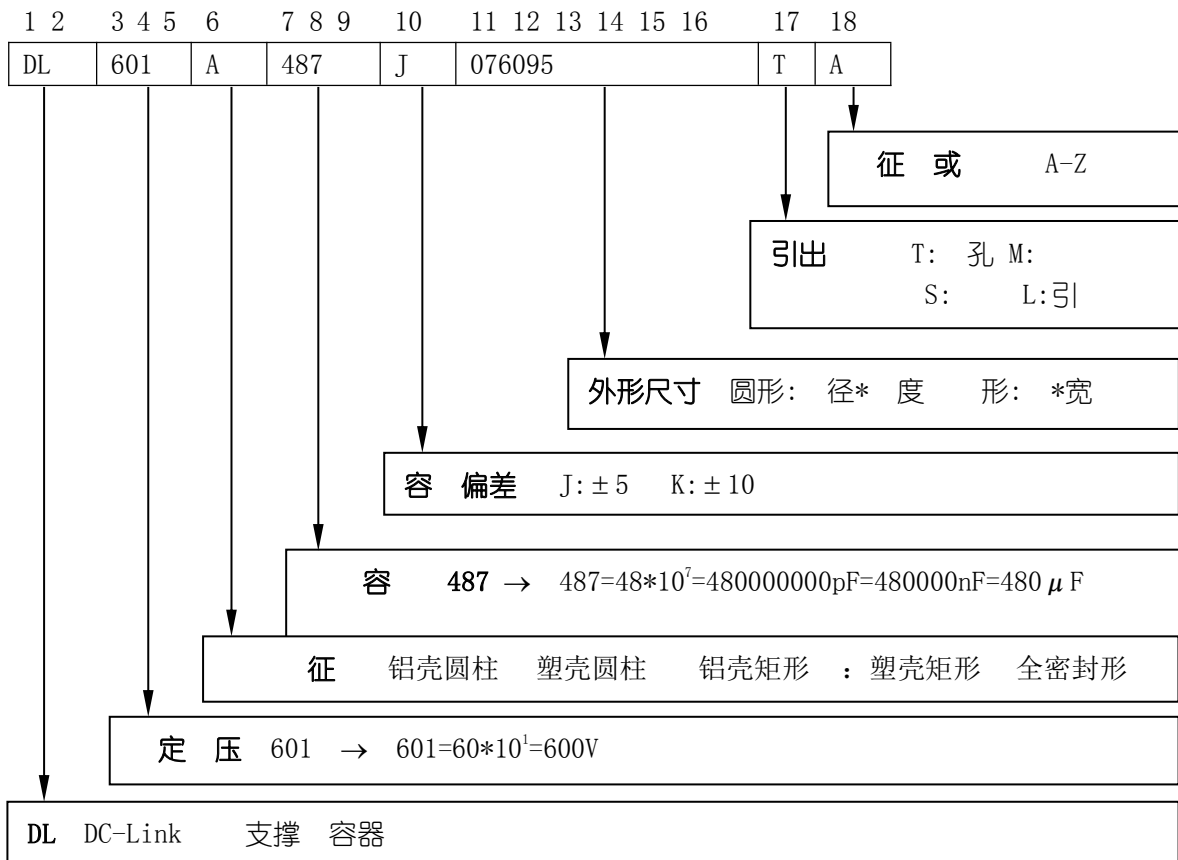
容产品 则 18 位

The 18 digits part number is formed as follow.

型号代

Model type code:

| | | | | |
|----------|-------|----|------------------------------------|-----|
| DL*** A: | 壳圆形干 | 容器 | Dry-Typ, Aluminum case | 式 |
| DL*** P: | 塑壳圆形干 | 容器 | Dry-Typ, Plastic case | 式 |
| DL*** R: | 壳形干 | 容器 | Dry-Typ, Rectangular Aluminum case | 式 |
| DL*** D: | 塑壳形干 | 容器 | Dry-Typ, Rectangular Plastic case | 式 |
| DL*** S: | 全密封形干 | 容器 | Dry-Typ, Sealing Type case | 封 式 |



| |
|---|
| 例 支撑 容器 600V480 μ F 5% 、 孔、外形尺寸φ76*95 DL601A487J076095TA |
|---|



技 Specifications

| | | |
|---|--|--------|
| 引 准 Reference Standard | GB/T 17702(IEC 61071)、AEC Q200D-2010 | |
| 候 别 Climatic Category | D 116mm 40/85/56 D 136mm 40/80/56 | |
| 工作 度 围 Operating Temperature Range | D 116mm $-40^{\circ}\text{C}\sim 85^{\circ}\text{C}$ $\theta_{hs}\leq 85^{\circ}\text{C}$ D 136mm $-40^{\circ}\text{C}\sim 80^{\circ}\text{C}$ $\theta_{hs}\leq 80^{\circ}\text{C}$ | |
| 储存 度 围 Storage Temperature Range | $-40^{\circ}\text{C}\sim 85^{\circ}\text{C}$ | |
| 定 压 U_N Rated Voltage | 600Vdc~4,000Vdc | |
| 定 容 C_n Reted Capacitance | $24^{\sim}5,600\mu\text{F}$ | |
| 容 允 偏 Capacitance Tolerance | $\pm 5\%$ J、 $\pm 10\%$ K | |
| 压(两 之) Test Voltage Between Terminals | $1.5 U_N$ 10S $20\pm 5^{\circ}\text{C}$ | |
| 压 壳之 Test Voltage Between Terminals&Case | U_N 1,500Vdc 3,000Vac 10S 50Hz $20^{\circ}\text{C}\pm 5^{\circ}\text{C}$ U_N 1,500Vdc $2U_N+1,000$ Vac 10S 50Hz $20^{\circ}\text{C}\pm 5^{\circ}\text{C}$ | |
| 介 损 $\text{tg}\delta_0$ | 0.0002 | |
| IR×Cn | 5,000S(20°C 100Vdc 1min) | |
| 压 Over Voltage | 1.1 U_N 30% of on-load-dur. | |
| | 1.15 U_N 30min/day | |
| | 1.2 U_N 5 min/day | |
| | 1.3 U_N 1 min/day | |
| | 1.5 U_N 30ms every time, 1,000 times during the life of the capacitor | |
| 大 使 拔 | 2,000m | |
| 大 扭 Max. Torque of terminals | M6:5Nm | M8:6Nm |
| 大 安 扭 Max. Torque of Installation | 10Nm | |
| 安 Installation | 任 意 向 Any Position | |
| 命 Expected Lifetime | 参 命 Refer to Expected Lifetime curve | |
| 失 Failure rate | 50FIT | |

如 使 拔 度 2,000m 应 拔 对 对 冷 却 及 外 影 响。

The effect of altitude on convection cooling and external insulation should be taken into consideration if the altitude exceeds 2,000m.



技 参 Technical data

| U _N Vdc | C _N μF | ESR @1KHz mΩ | L _s nH | R _{th} K/W | | I A | | | Dimension | | | Weight Kg | Part Number |
|-----------------------|----------------------|--------------------|----------------------|------------------------|--------|---------|-----|-----|-----------|-----|-----|--------------------|--------------------|
| | | | | | | 40 ℃ | 50℃ | 60℃ | D | H | H1 | | |
| 600 | 480 | 1.5 | 45 | 5.6 | 1,560 | 70 | 65 | 55 | 76 | 95 | 101 | 0.60 | DL601A487J076095** |
| | 650 | 1.9 | 50 | 4.7 | 1,560 | 70 | 63 | 53 | 76 | 120 | | | DL601A657J076120** |
| | 780 | 2.2 | 55 | 4.6 | 1,550 | 67 | 59 | 50 | 76 | 140 | 146 | 0.75 | DL601A787J076140** |
| | 820 | 1.5 | 40 | 4.3 | 3,060 | 70 | 70 | 62 | 76 | 155 | 161 | 0.90 | DL601A827J076155** |
| | 950 | 1.5 | 45 | 4.2 | 3,090 | 70 | 70 | 63 | 76 | 174 | | | DL601A957J076174** |
| | 650 | 1.2 | 45 | 5.1 | 2,120 | 70 | 70 | 64 | 86 | 95 | | | DL601A657J086095** |
| | 880 | 1.8 | 50 | 4.7 | 2,110 | 70 | 70 | 60 | 86 | 120 | | | DL601A887J086120** |
| | 1,000 | 1.7 | 55 | 4.6 | 2,070 | 70 | 65 | 55 | 86 | 136 | | | DL601A108J086136** |
| | 1,100 | 1.4 | 55 | 4.6 | 2,180 | 70 | 67 | 57 | 86 | 140 | | | DL601A118J086140** |
| | 1,100 | 1.4 | 40 | 4.4 | 4,110 | 70 | 70 | 64 | 86 | 155 | | | DL601A118J086155** |
| | 1,300 | 1.1 | 45 | 4.3 | 4,230 | 70 | 70 | 64 | 86 | 174 | | | DL601A138J086174** |
| | 2,000 | 1.3 | 55 | 3.0 | 6,510 | 70 | 70 | 70 | 86 | 252 | | | DL601A208J086252** |
| | 900 | 1.4 | 45 | 4.7 | 2,900 | 70 | 70 | 58 | 100 | 95 | | | DL601A907J100095** |
| | 1,200 | 1.5 | 50 | 4.1 | 2,850 | 70 | 70 | 58 | 100 | 120 | | | DL601A128J100120** |
| | 1,400 | 1.6 | 55 | 3.9 | 2,870 | 70 | 70 | 58 | 100 | 136 | | | DL601A148J100136** |
| | 1,500 | 1.0 | 55 | 3.8 | 2,740 | 70 | 70 | 58 | 100 | 140 | | | DL601A158J100140** |
| | 1 600 | 1.0 | 40 | 3.5 | 5,920 | 70 | 70 | 70 | 100 | 155 | | | DL601A168J100155** |
| | 1,800 | 0.7 | 45 | 3.2 | 5,800 | 70 | 70 | 70 | 100 | 174 | | | DL601A188J100174** |
| | 1,200 | 1.0 | 45 | 5.4 | 3,900 | 80 | 80 | 80 | 116 | 95 | | | DL601A128J116095** |
| | 1,600 | 1.1 | 50 | 5.0 | 3,830 | 80 | 80 | 70 | 116 | 120 | | | DL601A168J116120** |
| | 2,000 | 0.8 | 55 | 4.9 | 3,960 | 80 | 80 | 67 | 116 | 140 | | | DL601A208J116140** |
| | 2,100 | 0.9 | 40 | 3.6 | 7,840 | 100 | 100 | 92 | 116 | 158 | | | DL601A218J116158** |
| | 2,400 | 0.8 | 45 | 3.4 | 7,810 | 100 | 100 | 90 | 116 | 174 | | | DL601A248J116174** |
| | 3,000 | 0.8 | 50 | 2.7 | 11,200 | 100 | 100 | 100 | 116 | 230 | | | DL601A308J116230** |
| 5,600 | 0.8 | 60 | 2.0 | 15,940 | 100 | 100 | 100 | 136 | 295 | | | DL601A568J136295** | |



技 参 Technical data

| U _N Vdc | C _N μF | ESR @1KHz mΩ | L _s nH | R _{th} K/W | | I A | | | Dimension | | | Weight Kg | Part Number |
|-----------------------|----------------------|--------------------|----------------------|------------------------|--------|---------|-----|-----|-----------|-----|-----|--------------------|--------------------|
| | | | | | | 40 ℃ | 50℃ | 60℃ | D | H | H1 | | |
| 700 | 360 | 1.6 | 45 | 5.6 | 1,560 | 70 | 63 | 53 | 76 | 95 | 101 | 0.60 | DL701A367J076095** |
| | 480 | 2.1 | 50 | 4.7 | 1,530 | 68 | 60 | 50 | 76 | 120 | | | DL701A487J076120** |
| | 580 | 2.4 | 55 | 4.6 | 1,530 | 64 | 56 | 48 | 76 | 140 | 146 | 0.75 | DL701A587J076140** |
| | 620 | 1.5 | 40 | 4.3 | 3,090 | 70 | 70 | 62 | 76 | 155 | 161 | 0.90 | DL701A627J076155** |
| | 720 | 1.6 | 45 | 4.2 | 3,120 | 70 | 70 | 61 | 76 | 174 | | | DL701A727J076174** |
| | 480 | 1.3 | 45 | 5.1 | 2,080 | 70 | 70 | 61 | 86 | 95 | | | DL701A487J086095** |
| | 650 | 1.7 | 50 | 4.7 | 2,080 | 70 | 66 | 56 | 86 | 120 | | | DL701A657J086120** |
| | 750 | 2.0 | 55 | 4.6 | 2,070 | 70 | 62 | 52 | 86 | 136 | | | DL701A757J086136** |
| | 780 | 1.9 | 55 | 4.6 | 2,060 | 70 | 63 | 53 | 86 | 140 | | | DL701A787J086140** |
| | 820 | 1.4 | 40 | 4.4 | 4,080 | 70 | 70 | 64 | 86 | 155 | | | DL701A827J086155** |
| | 950 | 1.5 | 45 | 4.3 | 4,120 | 70 | 70 | 62 | 86 | 174 | | | DL701A957J086174** |
| | 1,500 | 1.1 | 55 | 3.0 | 6,500 | 70 | 70 | 70 | 86 | 252 | | | DL701A158J086252** |
| | 650 | 1.4 | 45 | 4.7 | 2,710 | 70 | 69 | 56 | 100 | 95 | | | DL701A657J100095** |
| | 900 | 1.5 | 50 | 4.1 | 2,760 | 70 | 69 | 56 | 100 | 120 | | | DL701A907J100120** |
| | 1,000 | 1.7 | 55 | 3.9 | 2,650 | 70 | 67 | 55 | 100 | 136 | | | DL701A108J100136** |
| | 1,100 | 1.7 | 55 | 3.8 | 2,790 | 70 | 68 | 56 | 100 | 140 | | | DL701A118J100140** |
| | 1,100 | 1.0 | 40 | 3.5 | 5,260 | 70 | 70 | 70 | 100 | 155 | | | DL701A118J100155** |
| | 1,300 | 1.1 | 45 | 3.2 | 5,420 | 70 | 70 | 70 | 100 | 174 | | | DL701A138J100174** |
| | 920 | 0.7 | 45 | 5.4 | 3,990 | 80 | 80 | 80 | 116 | 95 | | | DL701A927J116195** |
| | 1,200 | 1.0 | 50 | 5.0 | 3,830 | 80 | 80 | 70 | 116 | 120 | | | DL701A128J116120** |
| | 1,500 | 1.1 | 55 | 4.9 | 3,950 | 80 | 80 | 68 | 116 | 140 | | | DL701A158J116140** |
| | 1,500 | 0.8 | 40 | 3.6 | 7,460 | 100 | 100 | 93 | 116 | 158 | | | DL701A158J116158** |
| | 1,800 | 1.0 | 45 | 3.4 | 7,800 | 100 | 100 | 85 | 116 | 174 | | | DL701A188J116174** |
| | 2,300 | 0.8 | 50 | 2.7 | 11,440 | 100 | 100 | 100 | 116 | 230 | | | DL701A238J116230** |
| 4,200 | 0.8 | 60 | 2.0 | 15,920 | 100 | 100 | 100 | 136 | 295 | | | DL701A428J136295** | |



技 参 Technical data

| U _N Vdc | C _N μF | ESR @1KHz mΩ | L _s nH | R _{th} K/W | I A | | | Dimension | | | Weight Kg | Part Number | |
|-----------------------|----------------------|--------------------|----------------------|------------------------|-------|-----|-----|-----------|-----|-----|--------------|-------------|--------------------|
| | | | | | 40℃ | 50℃ | 60℃ | D | H | H1 | | | |
| | 290 | 1.7 | 45 | 5.6 | 1,530 | 69 | 61 | 51 | 76 | 95 | 101 | 0.60 | DL801A297J076095** |
| | 400 | 2.2 | 50 | 4.7 | 1,530 | 66 | 58 | 49 | 76 | 120 | 126 | 0.70 | DL801A407J076120** |
| | 480 | 2.5 | 55 | 4.6 | 1,560 | 63 | 55 | 47 | 76 | 140 | 146 | 0.75 | DL801A487J076140** |
| | 480 | 1.6 | 40 | 4.3 | 1,540 | 70 | 70 | 60 | 76 | 155 | 161 | 0.90 | DL801A487J076155** |
| | 560 | 1.7 | 45 | 4.2 | 2,910 | 70 | 70 | 59 | 76 | 174 | 180 | 1.00 | DL801A567J076174** |
| | 380 | 1.4 | 45 | 5.1 | 2,960 | 70 | 70 | 59 | 86 | 95 | 101 | 0.72 | DL801A387J086095** |
| | 520 | 1.8 | 50 | 4.7 | 2,010 | 70 | 64 | 54 | 86 | 120 | 126 | 1.00 | DL801A527J086120** |
| | 580 | 2.0 | 55 | 4.6 | 2,020 | 70 | 62 | 52 | 86 | 136 | 142 | 1.10 | DL801A587J086136** |
| | 630 | 2.1 | 55 | 4.6 | 1,950 | 68 | 60 | 51 | 86 | 140 | 146 | 1.15 | DL801A637J086140** |
| | 650 | 1.5 | 40 | 4.4 | 2,030 | 70 | 70 | 62 | 86 | 155 | 161 | 1.25 | DL801A657J086155** |
| | 750 | 1.6 | 45 | 4.3 | 3,940 | 70 | 70 | 60 | 86 | 174 | 180 | 1.30 | DL801A757J086174** |
| | 1100 | 1.2 | 55 | 3.0 | 3,960 | 70 | 70 | 70 | 86 | 252 | 258 | 1.80 | DL801A118J086252** |
| 800 | 500 | 1.4 | 45 | 4.7 | 2,620 | 70 | 67 | 55 | 100 | 95 | 100 | 1.20 | DL801A507J100095** |
| | 700 | 1.6 | 50 | 4.1 | 2,700 | 70 | 67 | 55 | 100 | 120 | 125 | 1.47 | DL801A707J100120** |
| | 800 | 1.8 | 55 | 3.9 | 2,660 | 70 | 66 | 54 | 100 | 136 | 141 | 1.65 | DL801A807J100136** |
| | 850 | 1.8 | 55 | 3.8 | 2,700 | 70 | 66 | 54 | 100 | 140 | 145 | 1.68 | DL801A857J100140** |
| | 900 | 1.1 | 40 | 3.5 | 5,400 | 70 | 70 | 70 | 100 | 155 | 160 | 1.98 | DL801A907J100155** |
| | 1000 | 1.1 | 45 | 3.2 | 5,230 | 70 | 70 | 70 | 100 | 174 | 179 | 2.28 | DL801A108J100174** |
| | 720 | 0.8 | 45 | 5.4 | 3,800 | 80 | 80 | 76 | 116 | 95 | 100 | 1.20 | DL801A727J116095** |
| | 980 | 1.1 | 50 | 5.0 | 3,810 | 80 | 79 | 67 | 116 | 120 | 125 | 1.50 | DL801A987J116120** |
| | 1200 | 1.2 | 55 | 4.9 | 3,860 | 80 | 77 | 65 | 116 | 140 | 145 | 1.75 | DL801A128J116140** |
| | 1200 | 0.85 | 40 | 3.6 | 7 10 | | | | | | | | |



技 参 Technical data

| U _N Vdc | C _N μF | ESR @1KHz mΩ | L _s nH | R _{th} K/W | | I A | | | Dimension | | | Weight Kg | Part Number |
|-----------------------|----------------------|--------------------|----------------------|------------------------|-------|-----|-----|-----|-----------|-----|------|-------------------|-------------------|
| | | | | | | 40℃ | 50℃ | 60℃ | D | H | H1 | | |
| 900 | 290 | 2.0 | 45 | 5.6 | 1,530 | 63 | 56 | 47 | 76 | 95 | 101 | 0.60 | DL901A297076095** |
| | 400 | 2.6 | 50 | 4.7 | 1,560 | 61 | 54 | 45 | 76 | 120 | 126 | 0.70 | DL901A407076120** |
| | 480 | 2.9 | 55 | 4.6 | 1,540 | 58 | 51 | 43 | 76 | 140 | 146 | 0.75 | DL901A487076140** |
| | 480 | 1.7 | 40 | 4.3 | 2,910 | 70 | 69 | 58 | 76 | 155 | 161 | 0.90 | DL901A487076155** |
| | 560 | 1.8 | 45 | 4.2 | 2,960 | 70 | 68 | 58 | 76 | 174 | 180 | 1.00 | DL901A567076174** |
| | 380 | 1.6 | 45 | 5.1 | 2,010 | 70 | 65 | 55 | 86 | 95 | 101 | 0.72 | DL901A387086095** |
| | 520 | 2.1 | 50 | 4.7 | 2,020 | 68 | 60 | 50 | 86 | 120 | 126 | 1.00 | DL901A527086120** |
| | 580 | 2.2 | 55 | 4.6 | 1,950 | 67 | 59 | 50 | 86 | 136 | 142 | 1.10 | DL901A587086136** |
| | 630 | 2.4 | 55 | 4.6 | 2,030 | 64 | 56 | 48 | 86 | 140 | 146 | 1.15 | DL901A637086140** |
| | 650 | 1.5 | 40 | 4.4 | 3,940 | 70 | 70 | 62 | 86 | 155 | 161 | 1.25 | DL901A657086155** |
| | 750 | 1.6 | 45 | 4.3 | 3,960 | 70 | 70 | 60 | 86 | 174 | 180 | 1.30 | DL901A757086174** |
| | 1,100 | 1.3 | 55 | 3.0 | 5,810 | 70 | 70 | 70 | 86 | 252 | 258 | 1.80 | DL901A118086252** |
| | 500 | 1.4 | 45 | 4.7 | 2,620 | 70 | 67 | 55 | 100 | 95 | 100 | 1.20 | DL901A507100095** |
| | 700 | 1.6 | 50 | 4.1 | 2,700 | 70 | 67 | 55 | 100 | 120 | 125 | 1.47 | DL901A707100120** |
| | 800 | 1.8 | 55 | 3.9 | 2,660 | 70 | 66 | 54 | 100 | 136 | 141 | 1.65 | DL901A807100136** |
| | 850 | 1.8 | 55 | 3.8 | 2,700 | 70 | 66 | 54 | 100 | 140 | 145 | 1.68 | DL901A857100140** |
| | 900 | 1.1 | 40 | 3.5 | 5,400 | 70 | 70 | 70 | 100 | 155 | 160 | 1.98 | DL901A907100155** |
| | 1,000 | 1.1 | 45 | 3.2 | 5,230 | 70 | 70 | 70 | 100 | 174 | 179 | 2.28 | DL901A108100174** |
| | 720 | 0.9 | 45 | 5.4 | 3,800 | 80 | 80 | 71 | 116 | 95 | 100 | 1.20 | DL901A727116095** |
| | 980 | 1.2 | 50 | 5.0 | 3,810 | 80 | 76 | 64 | 116 | 120 | 125 | 1.50 | DL901A987116120** |
| | 1,200 | 1.4 | 55 | 4.9 | 3,860 | 80 | 71 | 60 | 116 | 140 | 145 | 1.75 | DL901A128116140** |
| | 1,200 | 0.9 | 40 | 3.6 | 7,280 | 100 | 100 | 87 | 116 | 158 | 163 | 2.00 | DL901A128116158** |
| | 1,500 | 1.1 | 45 | 3.4 | 7,920 | 100 | 96 | 81 | 116 | 174 | 179 | 2.20 | DL901A158116174** |
| 1,800 | 0.8 | 50 | 2.7 | 10,910 | 100 | 100 | 100 | 116 | 230 | 235 | 2.80 | DL901A188116230** | |
| 3,200 | 0.8 | 60 | 2.0 | 14,780 | 100 | 100 | 100 | 136 | 295 | 300 | 4.90 | DL901A328136295** | |



技 参 Technical data mm

| U _N Vdc | C _N μF | ESR @1KHz mΩ | L _s nH | R _{th} K/W | | I A | | | Dimension | | | Weight Kg | Part Number |
|-----------------------|----------------------|--------------------|----------------------|------------------------|-------|-----|-----|-----|-----------|-----|------|--------------------|--------------------|
| | | | | | | 40℃ | 50℃ | 60℃ | D | H | H1 | | |
| 1, 100 | 180 | 2.3 | 45 | 5.6 | 1400 | 59 | 52 | 44 | 76 | 95 | 101 | 0.60 | DL112A187J076095** |
| | 250 | 3.0 | 50 | 4.7 | 1430 | 56 | 50 | 42 | 76 | 120 | 126 | 0.70 | DL112A257J076120** |
| | 300 | 3.5 | 55 | 4.6 | 1420 | 53 | 47 | 39 | 76 | 140 | 146 | 0.75 | DL112A307J076140** |
| | 310 | 1.9 | 40 | 4.3 | 2770 | 70 | 65 | 55 | 76 | 155 | 161 | 0.90 | DL112A317J076155** |
| | 360 | 2.0 | 45 | 4.2 | 2800 | 70 | 65 | 55 | 76 | 174 | 180 | 1.00 | DL112A367J076174** |
| | 240 | 1.9 | 45 | 5.1 | 1870 | 68 | 60 | 51 | 86 | 95 | 101 | 0.72 | DL112A247J086095** |
| | 330 | 2.4 | 50 | 4.7 | 1890 | 63 | 56 | 47 | 86 | 120 | 126 | 1.00 | DL112A337J086120** |
| | 420 | 2.3 | 55 | 4.6 | 2080 | 65 | 58 | 49 | 86 | 136 | 142 | 1.10 | DL112A427J086136** |
| | 420 | 1.7 | 40 | 4.4 | 3750 | 70 | 63 | 52 | 86 | 155 | 161 | 1.25 | DL112A427J086155** |
| | 500 | 1.8 | 45 | 4.3 | 3730 | 70 | 67 | 57 | 86 | 174 | 180 | 1.30 | DL112A507J086174** |
| | 750 | 1.3 | 55 | 3.0 | 5840 | 70 | 70 | 70 | 86 | 252 | 258 | 1.80 | DL112A757J086252** |
| | 350 | 1.5 | 45 | 4.7 | 2640 | 70 | 65 | 53 | 100 | 95 | 100 | 1.19 | DL112A357J100095** |
| | 450 | 1.8 | 50 | 4.1 | 2500 | 70 | 63 | 51 | 100 | 120 | 125 | 1.49 | DL112A457J100120** |
| | 520 | 2.0 | 55 | 3.9 | 2500 | 70 | 62 | 50 | 100 | 136 | 141 | 1.67 | DL112A527J100136** |
| | 550 | 2.1 | 55 | 3.8 | 2520 | 70 | 62 | 51 | 100 | 140 | 145 | 1.71 | DL112A557J100140** |
| | 580 | 1.1 | 40 | 3.5 | 5020 | 70 | 70 | 70 | 100 | 155 | 160 | 2.00 | DL112A587J100155** |
| | 650 | 1.2 | 45 | 3.2 | 4900 | 70 | 70 | 70 | 100 | 174 | 179 | 2.30 | DL112A657J100174** |
| | 450 | 1.0 | 45 | 5.4 | 3500 | 80 | 80 | 68 | 116 | 95 | 100 | 1.20 | DL112A457J116095** |
| | 620 | 1.4 | 50 | 5.0 | 3550 | 80 | 70 | 59 | 116 | 120 | 125 | 1.50 | DL112A627J116120** |
| | 750 | 1.6 | 55 | 4.9 | 3550 | 75 | 66 | 56 | 116 | 140 | 145 | 1.75 | DL112A757J116140** |
| | 780 | 0.9 | 40 | 3.6 | 6960 | 100 | 100 | 85 | 116 | 158 | 163 | 2.00 | DL112A787J116158** |
| | 920 | 1.1 | 45 | 3.4 | 7150 | 100 | 96 | 81 | 116 | 174 | 179 | 2.20 | DL112A927J116174** |
| | 1200 | 0.9 | 50 | 2.7 | 10710 | 100 | 100 | 100 | 116 | 230 | 235 | 2.80 | DL112A128J116230** |
| 2200 | 0.9 | 60 | 2.0 | 14960 | 100 | 100 | 100 | 136 | 295 | 300 | 4.90 | DL112A228J136295** | |



技 参 Technical data mm

| U _N Vdc | C _N μF | ESR @1KHz mΩ | L _s nH | R _{th} K/W | | I A | | | Dimension | | | Weight Kg | Part Number |
|-----------------------|----------------------|--------------------|----------------------|------------------------|-------|-----|-----|-----|-----------|-----|------|-------------------|-------------------|
| | | | | | | 40℃ | 50℃ | 60℃ | D | H | H1 | | |
| 1, 200 | 140 | 2.7 | 45 | 5.6 | 1,330 | 55 | 48 | 41 | 76 | 95 | 101 | 0.60 | DL122A127076095** |
| | 200 | 3.4 | 50 | 4.7 | 1,400 | 53 | 47 | 40 | 76 | 120 | 126 | 0.70 | DL122A207076120** |
| | 240 | 3.9 | 55 | 4.6 | 1,380 | 50 | 44 | 37 | 76 | 140 | 146 | 0.75 | DL122A247076140** |
| | 240 | 2.0 | 40 | 4.3 | 2,630 | 70 | 64 | 54 | 76 | 155 | 161 | 0.90 | DL122A247076155** |
| | 280 | 2.1 | 45 | 4.2 | 2,670 | 70 | 63 | 53 | 76 | 174 | 180 | 1.00 | DL122A287076174** |
| | 190 | 2.1 | 45 | 5.1 | 1,810 | 65 | 57 | 48 | 86 | 95 | 101 | 0.72 | DL122A197086095** |
| | 260 | 2.7 | 50 | 4.7 | 1,810 | 60 | 53 | 44 | 86 | 120 | 126 | 1.00 | DL122A267086120** |
| | 320 | 2.5 | 55 | 4.6 | 1,930 | 63 | 55 | 47 | 86 | 136 | 142 | 1.10 | DL122A327086136** |
| | 330 | 3.0 | 55 | 4.6 | 1,900 | 57 | 50 | 43 | 86 | 140 | 146 | 1.15 | DL122A337086140** |
| | 330 | 1.8 | 40 | 4.4 | 3,610 | 70 | 66 | 56 | 86 | 155 | 161 | 1.25 | DL122A337086155** |
| | 380 | 1.9 | 45 | 4.3 | 3,610 | 70 | 65 | 55 | 86 | 174 | 180 | 1.30 | DL122A387086174** |
| | 580 | 1.5 | 55 | 3.0 | 5,520 | 70 | 70 | 70 | 86 | 252 | 258 | 1.80 | DL122A587086252** |
| | 250 | 1.7 | 45 | 4.7 | 2,320 | 70 | 61 | 50 | 100 | 95 | 100 | 1.19 | DL122A257100095** |
| | 350 | 2.0 | 50 | 4.1 | 2,390 | 70 | 61 | 50 | 100 | 120 | 125 | 1.45 | DL122A357100120** |
| | 400 | 2.2 | 55 | 3.9 | 2,360 | 69 | 59 | 49 | 100 | 136 | 141 | 1.63 | DL122A407100136** |
| | 420 | 2.2 | 55 | 3.8 | 2,370 | 69 | 59 | 49 | 100 | 140 | 145 | 1.67 | DL122A427100140** |
| | 450 | 1.2 | 40 | 3.5 | 4,790 | 70 | 70 | 70 | 100 | 155 | 160 | 1.96 | DL122A457100155** |
| | 500 | 1.2 | 45 | 3.2 | 4,640 | 70 | 70 | 70 | 100 | 174 | 179 | 2.26 | DL122A507100174** |
| | 360 | 1.1 | 45 | 5.4 | 3,420 | 80 | 76 | 64 | 116 | 95 | 100 | 1.20 | DL122A367116095** |
| | 500 | 1.6 | 50 | 5.0 | 3,490 | 75 | 66 | 55 | 116 | 120 | 125 | 1.50 | DL122A507116120** |
| | 600 | 1.8 | 55 | 4.9 | 3,450 | 71 | 63 | 53 | 116 | 140 | 145 | 1.75 | DL122A607116140** |
| | 620 | 1.0 | 40 | 3.6 | 6,780 | 100 | 98 | 83 | 116 | 158 | 163 | 2.00 | DL122A627116158** |
| | 720 | 1.2 | 45 | 3.4 | 6,740 | 100 | 92 | 78 | 116 | 174 | 179 | 2.20 | DL122A727116174** |
| 950 | 0.9 | 50 | 2.7 | 10,210 | 100 | 100 | 100 | 116 | 230 | 235 | 2.80 | DL122A957116230** | |
| 1,700 | 0.9 | 60 | 2.0 | 13,920 | 100 | 100 | 100 | 136 | 295 | 300 | 4.90 | DL122A178136295** | |



技 参 Technical data

| U _N Vdc | C _N μF | ESR @1KHz mΩ | L _s nH | R _{th} K/W | | I A | | | Dimension | | | Weight Kg | Part Number |
|-----------------------|----------------------|--------------------|----------------------|------------------------|-------|-----|-----|-----|-----------|-----|------|--------------------|--------------------|
| | | | | | | 40℃ | 50℃ | 60℃ | D | H | H1 | | |
| 1, 300 | 120 | 2.9 | 45 | 5.6 | 1310 | 53 | 46 | 39 | 76 | 95 | 101 | 0.60 | DL132A127J076095** |
| | 170 | 3.7 | 50 | 4.7 | 1360 | 51 | 45 | 38 | 76 | 120 | 126 | 0.70 | DL132A177J076120** |
| | 210 | 4.1 | 55 | 4.6 | 1390 | 49 | 43 | 36 | 76 | 140 | 146 | 0.75 | DL132A217J076140** |
| | 210 | 2.1 | 40 | 4.3 | 2640 | 70 | 62 | 53 | 76 | 155 | 161 | 0.90 | DL132A217J076155** |
| | 240 | 2.3 | 45 | 4.2 | 2620 | 68 | 60 | 51 | 76 | 174 | 180 | 1.00 | DL132A247J076174** |
| | 170 | 2.2 | 45 | 5.1 | 1850 | 63 | 56 | 47 | 86 | 95 | 101 | 0.72 | DL132A177J086095** |
| | 230 | 2.8 | 50 | 4.7 | 1840 | 58 | 52 | 44 | 86 | 120 | 126 | 1.00 | DL132A237J086120** |
| | 270 | 2.8 | 55 | 4.6 | 1860 | 59 | 52 | 44 | 86 | 136 | 142 | 1.10 | DL132A277J086136** |
| | 270 | 3.3 | 55 | 4.6 | 1780 | 54 | 48 | 41 | 86 | 140 | 146 | 1.15 | DL132A277J086140** |
| | 280 | 1.8 | 40 | 4.4 | 3510 | 70 | 66 | 56 | 86 | 155 | 161 | 1.25 | DL132A287J086155** |
| | 320 | 1.9 | 45 | 4.3 | 3490 | 70 | 65 | 55 | 86 | 174 | 180 | 1.30 | DL132A327J086174** |
| | 520 | 1.5 | 55 | 3.0 | 5670 | 70 | 70 | 67 | 86 | 252 | 258 | 1.80 | DL132A527J086252** |
| | 210 | 1.8 | 45 | 4.7 | 2270 | 69 | 60 | 49 | 100 | 95 | 100 | 1.19 | DL132A217J100095** |
| | 280 | 2.1 | 50 | 4.1 | 2230 | 67 | 58 | 48 | 100 | 120 | 125 | 1.47 | DL132A287J100120** |
| | 330 | 2.3 | 55 | 3.9 | 2270 | 66 | 57 | 47 | 100 | 136 | 141 | 1.64 | DL132A337J100136** |
| | 360 | 2.3 | 55 | 3.8 | 2370 | 67 | 58 | 47 | 100 | 140 | 145 | 1.67 | DL132A367J100140** |
| | 380 | 1.2 | 40 | 3.5 | 4720 | 70 | 70 | 69 | 100 | 155 | 160 | 1.96 | DL132A387J100155** |
| | 420 | 1.3 | 45 | 3.2 | 4540 | 70 | 70 | 70 | 100 | 174 | 179 | 2.26 | DL132A427J100174** |
| | 320 | 1.2 | 45 | 5.4 | 3490 | 80 | 73 | 62 | 116 | 95 | 100 | 1.20 | DL132A327J116095** |
| | 430 | 1.6 | 50 | 5.0 | 3440 | 75 | 66 | 55 | 116 | 120 | 125 | 1.50 | DL132A437J116120** |
| | 520 | 1.8 | 55 | 4.9 | 3430 | 71 | 63 | 53 | 116 | 140 | 145 | 1.75 | DL132A527J116140** |
| | 540 | 1.0 | 40 | 3.6 | 6770 | 100 | 98 | 83 | 116 | 158 | 163 | 2.00 | DL132A547J116158** |
| | 630 | 1.2 | 45 | 3.4 | 6760 | 100 | 92 | 78 | 116 | 174 | 179 | 2.20 | DL132A637J116174** |
| | 820 | 0.9 | 50 | 2.7 | 10100 | 100 | 100 | 100 | 116 | 230 | 235 | 2.80 | DL132A827J116230** |
| 1,500 | 1.0 | 60 | 2.0 | 14,080 | 100 | 100 | 100 | 136 | 195 | 300 | 4.90 | DL132A158J136195** | |



技 参 Technical data

| U _N Vdc | C _N μF | ESR @1KHz mΩ | L _s nH | R _{th} K/W | | I A | | | Dimension | | | Weight Kg | Part Number |
|-----------------------|----------------------|--------------------|----------------------|------------------------|-------|-----|-----|-----|-----------|-----|------|--------------------|--------------------|
| | | | | | | 40℃ | 50℃ | 60℃ | D | H | H1 | | |
| 1, 400 | 100 | 3.1 | 45 | 5.6 | 1,260 | 51 | 45 | 38 | 76 | 95 | 101 | 0.60 | DL142A107J076095** |
| | 140 | 4.0 | 50 | 4.7 | 1,290 | 49 | 43 | 36 | 76 | 120 | 126 | 0.70 | DL142A147J076120** |
| | 170 | 4.6 | 55 | 4.6 | 1,290 | 46 | 41 | 34 | 76 | 140 | 146 | 0.75 | DL142A177J076140** |
| | 170 | 2.3 | 40 | 4.3 | 2,460 | 67 | 59 | 50 | 76 | 155 | 161 | 0.90 | DL142A177J076155** |
| | 200 | 2.4 | 45 | 4.2 | 2,520 | 67 | 59 | 50 | 76 | 174 | 180 | 1.00 | DL142A207J076174** |
| | 140 | 2.4 | 45 | 5.1 | 1,760 | 61 | 53 | 45 | 86 | 95 | 101 | 0.72 | DL142A147J086095** |
| | 190 | 3.1 | 50 | 4.7 | 1,750 | 56 | 49 | 41 | 86 | 120 | 126 | 1.00 | DL142A197J086120** |
| | 230 | 2.9 | 55 | 4.6 | 1,800 | 58 | 51 | 43 | 86 | 136 | 142 | 1.10 | DL142A237J086136** |
| | 240 | 1.9 | 40 | 4.4 | 3,470 | 70 | 65 | 55 | 86 | 155 | 161 | 1.25 | DL142A247J086155** |
| | 270 | 2.1 | 45 | 4.3 | 3,400 | 70 | 62 | 53 | 86 | 174 | 180 | 1.30 | DL142A277J086174** |
| | 420 | 1.5 | 55 | 3.0 | 5,210 | 70 | 70 | 70 | 86 | 252 | 258 | 1.80 | DL142A427J086252** |
| | 180 | 1.8 | 45 | 4.7 | 2,240 | 68 | 59 | 48 | 100 | 95 | 100 | 1.19 | DL142A187J100095** |
| | 250 | 2.2 | 50 | 4.1 | 2,300 | 67 | 58 | 47 | 100 | 120 | 125 | 1.45 | DL142A257J100120** |
| | 290 | 2.4 | 55 | 3.9 | 2,300 | 65 | 57 | 46 | 100 | 136 | 141 | 1.63 | DL142A297J100136** |
| | 320 | 1.2 | 40 | 3.5 | 4,580 | 70 | 70 | 68 | 100 | 155 | 160 | 1.96 | DL142A327J100155** |
| | 360 | 1.3 | 45 | 3.2 | 4,490 | 70 | 70 | 69 | 100 | 174 | 179 | 2.26 | DL142A367J100174** |
| | 260 | 1.3 | 45 | 5.4 | 3,220 | 80 | 70 | 59 | 116 | 95 | 100 | 1.20 | DL142A267J116095** |
| | 360 | 1.8 | 50 | 5.0 | 3,280 | 70 | 62 | 52 | 116 | 120 | 125 | 1.50 | DL142A367J116120** |
| | 450 | 2.0 | 55 | 4.9 | 3,390 | 67 | 59 | 50 | 116 | 140 | 145 | 1.75 | DL142A457J116120** |
| | 460 | 1.1 | 40 | 3.6 | 6,540 | 100 | 94 | 79 | 116 | 158 | 163 | 2.00 | DL142A467J116158** |
| 540 | 1.3 | 45 | 3.4 | 6,690 | 89 | 79 | 66 | 116 | 174 | 179 | 2.20 | DL142A547J116174** | |
| 700 | 0.9 | 50 | 2.7 | 9,950 | 100 | 94 | 79 | 116 | 230 | 235 | 2.80 | DL142A707J116230** | |
| 1,300 | 1.05 | 60 | 2.0 | 14,080 | 100 | 100 | 97 | 136 | 295 | 300 | 4.90 | DL142A138J136295** | |



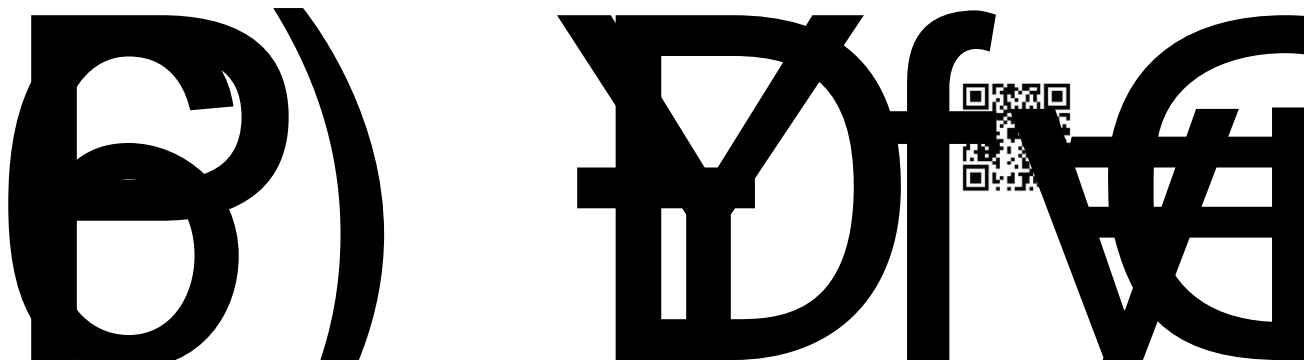
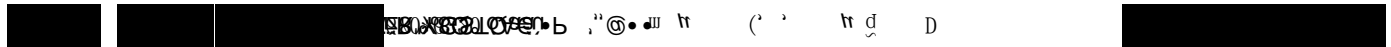
技 参 Technical data

| U _N Vdc | C _N μF | ESR @1KHz mΩ | L _s nH | R _{th} K/W | | I A | | | Dimension | | | Weight Kg | Part Number |
|-----------------------|----------------------|--------------------|----------------------|------------------------|-------|-----|-----|-----|-----------|-----|------|--------------------|--------------------|
| | | | | | | 40℃ | 50℃ | 60℃ | D | H | H1 | | |
| 1, 500 | 90 | 3.3 | 45 | 5.6 | 1,220 | 49 | 44 | 37 | 76 | 95 | 101 | 0.60 | DL152A906J076095** |
| | 120 | 4.4 | 50 | 4.7 | 1,200 | 47 | 41 | 35 | 76 | 120 | 126 | 0.70 | DL152A127J076120** |
| | 150 | 4.9 | 55 | 4.6 | 1,230 | 45 | 39 | 33 | 76 | 140 | 146 | 0.75 | DL152A157J076140** |
| | 150 | 2.4 | 40 | 4.3 | 2,340 | 66 | 58 | 49 | 76 | 155 | 161 | 0.90 | DL152A157J076155** |
| | 170 | 2.5 | 45 | 4.2 | 2,310 | 65 | 58 | 49 | 76 | 174 | 180 | 1.00 | DL152A177J076174** |
| | 120 | 2.6 | 45 | 5.1 | 1,630 | 58 | 51 | 43 | 86 | 95 | 101 | 0.72 | DL152A127J086095** |
| | 170 | 3.3 | 50 | 4.7 | 1,690 | 54 | 48 | 40 | 86 | 120 | 126 | 1.00 | DL152A177J086120** |
| | 200 | 3.0 | 55 | 4.6 | 1,720 | 57 | 50 | 43 | 86 | 136 | 142 | 1.10 | DL152A207J086136** |
| | 210 | 2.0 | 40 | 4.4 | 3,280 | 70 | 63 | 53 | 86 | 155 | 161 | 1.25 | DL152A217J086155** |
| | 240 | 2.1 | 45 | 4.3 | 3,260 | 70 | 62 | 53 | 86 | 174 | 180 | 1.30 | DL152A247J086174** |
| | 380 | 1.5 | 55 | 3.0 | 5,080 | 70 | 70 | 70 | 86 | 252 | 258 | 1.80 | DL152A387J086252** |
| | 160 | 1.9 | 45 | 4.7 | 2,150 | 67 | 58 | 47 | 100 | 95 | 100 | 1.18 | DL152A167J100095** |
| | 210 | 2.3 | 50 | 4.1 | 2,080 | 65 | 56 | 46 | 100 | 120 | 125 | 1.46 | DL152A217J100120** |
| | 250 | 2.5 | 55 | 3.9 | 2,140 | 64 | 55 | 45 | 100 | 136 | 141 | 1.63 | DL152A257J100136** |
| | 280 | 1.3 | 40 | 3.5 | 4,320 | 70 | 70 | 67 | 100 | 155 | 160 | 1.96 | DL152A287J100155** |
| | 320 | 1.3 | 45 | 3.2 | 4,300 | 70 | 70 | 68 | 100 | 174 | 179 | 2.24 | DL152A327J100174** |
| | 230 | 1.4 | 45 | 5.4 | 3,120 | 77 | 68 | 57 | 116 | 95 | 100 | 1.20 | DL152A237J116095** |
| | 320 | 1.9 | 50 | 5.0 | 3,180 | 68 | 60 | 51 | 116 | 120 | 125 | 1.50 | DL152A327J116120** |
| | 390 | 2.1 | 55 | 4.9 | 3,200 | 66 | 58 | 49 | 116 | 140 | 145 | 1.75 | DL152A397J116140** |
| | 420 | 1.1 | 40 | 3.6 | 6,550 | 100 | 94 | 79 | 116 | 158 | 163 | 2.00 | DL152A427J116158** |
| 470 | 1.3 | 45 | 3.4 | 6,280 | 89 | 79 | 66 | 116 | 174 | 179 | 2.20 | DL152A477J116174** | |
| 600 | 1.0 | 50 | 2.7 | 9,200 | 100 | 89 | 75 | 116 | 230 | 235 | 2.80 | DL152A607J116230** | |
| 1,100 | 1.1 | 60 | 2.0 | 12,850 | 100 | 100 | 95 | 136 | 295 | 300 | 4.90 | DL152A118J136295** | |



技 参 Technical data

| U _N Vdc | C _N μF | ESR @1KHz mΩ | L _s nH | R _{th} K/W | I A | | | Dimension | | | Weight Kg | Part Number | |
|-----------------------|----------------------|--------------------|----------------------|------------------------|-------|-----|-----|-----------|-----|-----|--------------|-------------|--------------------|
| | | | | | 40℃ | 50℃ | 60℃ | D | H | H1 | | | |
| 2,000 | 110 | 3.5 | 65 | 4.5 | 1,830 | 48 | 42 | 35 | 86 | 140 | 146 | 1.05 | DL202A117J086140** |
| | 180 | 1.8 | 60 | 3.2 | 3,660 | 78 | 69 | 58 | 86 | 225 | 231 | 1.65 | DL202A187J086225** |
| | 180 | 2.1 | 60 | 3.5 | 3,660 | 70 | 61 | 52 | 116 | 120 | 125 | 1.60 | DL202A187J116120** |
| | 220 | 2.3 | 65 | 3.3 | 3,660 | 69 | 60 | 51 | 116 | 140 | 145 | 1.85 | DL202A227J116140** |
| | 260 | 1.1 | 55 | 2.9 | 7,360 | 100 | 93 | 79 | 116 | 174 | 179 | 2.30 | DL202A267J116174** |
| | 360 | 1.3 | 60 | 2.4 | 7,330 | 100 | 93 | 79 | 116 | 225 | 230 | 2.85 | DL202A367J116225** |
| | 250 | 1.8 | 60 | 2.9 | 5,090 | 78 | 67 | 55 | 136 | 120 | 125 | 2.15 | DL202A257J136120** |



|



技 参 Technical data

| U _N Vdc | C _N μF | ESR @1KHz mΩ | L _s nH | R _{th} K/W | I A | | | Dimension | | | Weight Kg | Part Number | |
|-----------------------|----------------------|--------------------|----------------------|------------------------|-------|-----|-----|-----------|-----|-----|--------------|-------------|--------------------|
| | | | | | 40℃ | 50℃ | 60℃ | D | H | H1 | | | |
| 3, 200 | 40 | 4.9 | 65 | 4.6 | 1,470 | 40 | 35 | 30 | 86 | 140 | 146 | 1.05 | DL322A406J086140** |
| | 65 | 2.4 | 60 | 3.2 | 2,930 | 67 | 59 | 50 | 86 | 225 | 231 | 1.65 | DL322A656J086225** |
| | 64 | 2.7 | 60 | 3.6 | 2,880 | 60 | 53 | 45 | 116 | 120 | 125 | 1.60 | DL322A646J116120** |
| | 78 | 3.1 | 65 | 3.4 | 2,870 | 59 | 52 | 44 | 116 | 140 | 145 | 1.80 | DL322A786J116140** |
| | 92 | 1.3 | 55 | 3.0 | 5,760 | 94 | 83 | 70 | 116 | 174 | 179 | 2.30 | DL322A926J116174** |
| | 120 | 1.7 | 60 | 2.5 | 5,410 | 91 | 80 | 68 | 116 | 225 | 230 | 2.90 | DL322A127J116225** |
| | 90 | 2.2 | 60 | 3.0 | 4,050 | 69 | 59 | 49 | 136 | 120 | 125 | 2.15 | DL322A906J136120** |
| | 110 | 2.5 | 65 | 2.8 | 4,050 | 67 | 58 | 47 | 136 | 140 | 145 | 2.45 | DL322A117J136140** |
| | 120 | 1.2 | 55 | 2.6 | 7,520 | 100 | 87 | 71 | 136 | 175 | 180 | 3.20 | DL322A127J136175** |
| | 180 | 1.4 | 60 | 2.2 | 8,110 | 100 | 89 | 72 | 136 | 225 | 230 | 3.85 | DL322A187J136225** |
| | 220 | 1.6 | 60 | 1.9 | 8,100 | 100 | 88 | 72 | 136 | 265 | 270 | 4.45 | DL322A227J136265** |
| | 28 | 4.0 | 65 | 4.6 | 1,650 | 43 | 38 | | | | | | |

3, 600

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4E0

