

CD 60 QD SERIES



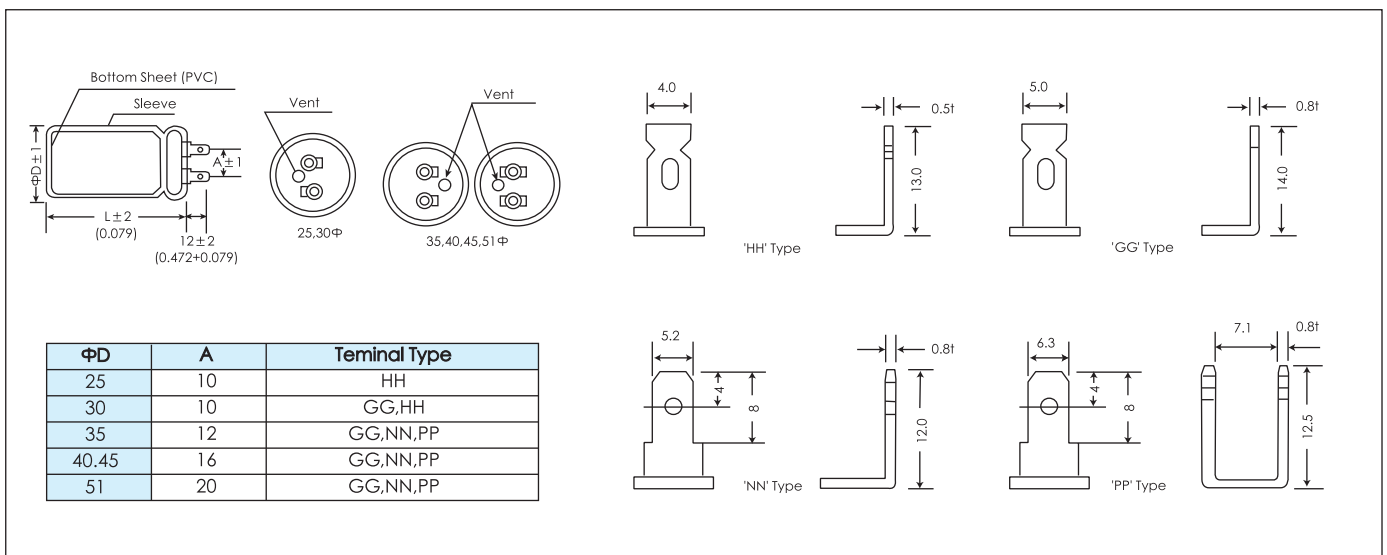
- Load life of 75000 times and 30000 times
- For motor starting
- Used for the compressor starter of a refrigerator and air-conditioner and for the water pumps



| Items | Characteristics |
|-------------------------------------|--|
| Operating Temperature Range (°C) | -20 ~ +70 |
| Rated Voltage (V) | 110 ~ 300V AC |
| Capacitance Tolerance (20°C, 120Hz) | 0% ~ 20% |
| Power Factor (20°C, 60Hz) | 0.08 |
| Over-Voltage Test | Applied 1.2 times rated voltage for 2 minutes of 1.4 times rated voltage for 30 seconds. |
| Load Life (+70°C) | 125V.AC: Apply for one second and rest for 29 seconds, two times per minute at +70°C, after 75000 times. Power factor: 20% or less. Capacitance change: within 25% of the initial measured value. 160V.AC: Apply for one second and rest for 59 seconds, one time per minute at +70°C after 30000 times. Power factor: 20% or less. Capacitance change: within 25% of the initial measured value. |
| Withstanding Voltage (V) | Withstand 1500V.AC (r.m.s) for one minute between both terminals and the case holding clamp. |

Dimensions

mm



Standard Ratings

| WV(V) Cap.(μF) | 110 | | 125 | | 140 | | 160 | | 180 | |
|-------------------|-----------|---------------------|-----------|---------------------|-----------|---------------------|-----------|---------------------|-----------|---------------------|
| | Case Size | P/N | Case Size | P/N | Case Size | P/N | Case Size | P/N | Case Size | P/N |
| 30 | | | | | | | | | 25×60 | ECL2KQD300R□□250060 |
| 40 | 25×40 | ECLA2QD400R□□250040 | 25×50 | ECL1BQD400R□□250050 | 25×60 | ECLB2QD400R□□250060 | 25×60 | ECL2CQD400R□□250060 | 25×70 | ECL2KQD400R□□250070 |
| 50 | 25×50 | ECLA2QD500R□□250050 | 25×50 | ECL1BQD500R□□250050 | 25×60 | ECLB2QD500R□□250060 | 25×70 | ECL2CQD500R□□250070 | 30×70 | ECL2KQD500R□□300070 |
| 63 | 25×50 | ECLA2QD630R□□250050 | 25×60 | ECL1BQD630R□□250060 | 30×60 | ECLB2QD630R□□300060 | 30×70 | ECL2CQD630R□□300070 | 35×60 | ECL2KQD630R□□350060 |
| 80 | 25×60 | ECLA2QD800R□□250060 | 30×60 | ECL1BQD800R□□300060 | 30×70 | ECLB2QD800R□□300070 | 35×60 | ECL2CQD800R□□350060 | 35×70 | ECL2KQD800R□□350070 |
| 100 | 25×60 | ECLA2QD101R□□250060 | 30×70 | ECL1BQD101R□□300070 | 35×60 | ECLB2QD101R□□350060 | 35×70 | ECL2CQD101R□□350070 | 35×80 | ECL2KQD101R□□350080 |
| 125 | 30×60 | ECLA2QD12AR□□300060 | 35×60 | ECL1BQD12AR□□350060 | 35×70 | ECLB2QD12AR□□350070 | 35×80 | ECL2CQD12AR□□350080 | 35×100 | ECL2KQD12AR□□350100 |
| 160 | 30×70 | ECLA2QD161R□□300070 | 35×70 | ECL1BQD161R□□350070 | 35×80 | ECLB2QD161R□□350080 | 35×100 | ECL2CQD161R□□350100 | 40×100 | ECL2KQD161R□□400100 |
| 200 | 35×60 | ECLA2QD201R□□350060 | 35×80 | ECL1BQD201R□□350080 | 35×100 | ECLB2QD201R□□350100 | 40×100 | ECL2CQD201R□□400100 | 45×100 | ECL2KQD201R□□450100 |
| 250 | 35×70 | ECLA2QD251R□□350070 | 35×100 | ECL1BQD251R□□350100 | 40×100 | ECLB2QD251R□□400100 | 45×100 | ECL2CQD251R□□450100 | | |
| 315 | 30×80 | ECLA2QD31AR□□300080 | 40×100 | ECL1BQD31AR□□400100 | 45×100 | ECLB2QD31AR□□450100 | | | | |
| 400 | 35×100 | ECLA2QD401R□□350100 | 45×100 | ECL1BQD401R□□450100 | | | | | | |
| 500 | 40×100 | ECLA2QD501R□□400100 | | | | | | | | |

| WV(V) Cap.(μF) | 200 | | 220 | | 250 | | 280 | | 300 | |
|-------------------|-----------|---------------------|-----------|---------------------|-----------|---------------------|-----------|---------------------|-----------|---------------------|
| | Case Size | P/N | Case Size | P/N | Case Size | P/N | Case Size | P/N | Case Size | P/N |
| 25 | 30×70 | ECL2DQD250R□□300070 | 30×80 | ECL2TQD250R□□300080 | 35×60 | ECL2EQD250R□□350060 | 35×70 | ECLL2QD250R□□350070 | 35×80 | ECL2LQD250R□□350080 |
| 30 | 30×80 | ECL2DQD300R□□300080 | 35×60 | ECL2TQD300R□□350060 | 35×70 | ECL2EQD300R□□350070 | 35×80 | ECLL2QD300R□□350080 | 35×100 | ECL2LQD300R□□350100 |
| 40 | 35×60 | ECL2DQD400R□□350060 | 35×70 | ECL2TQD400R□□350070 | 35×80 | ECL2EQD400R□□350080 | 35×100 | ECLL2QD400R□□350100 | 40×100 | ECL2LQD400R□□400100 |
| 50 | 35×70 | ECL2DQD500R□□350070 | 35×80 | ECL2TQD500R□□350080 | 35×100 | ECL2EQD500R□□350100 | 40×100 | ECLL2QD500R□□400100 | 45×100 | ECL2LQD500R□□450100 |
| 63 | 35×80 | ECL2DQD630R□□350080 | 35×100 | ECL2TQD630R□□350100 | 40×100 | ECL2EQD630R□□400100 | 45×100 | ECLL2QD630R□□450100 | 45×100 | ECL2LQD630R□□450100 |
| 80 | 35×100 | ECL2DQD800R□□350100 | 40×100 | ECL2TQD800R□□400100 | 45×100 | ECL2EQD800R□□450100 | 51×100 | ECLL2QD800R□□510100 | | |
| 100 | 40×100 | ECL2DQD101R□□400100 | 45×100 | ECL2TQD101R□□450100 | 51×100 | ECL2EQD101R□□510100 | | | | |
| 125 | 45×100 | ECL2DQD12AR□□450100 | 51×100 | ECL2TQD12AR□□510100 | | | | | | |
| 160 | 51×100 | ECL2DQD161R□□510100 | | | | | | | | |

Customer products are available on request.