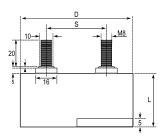
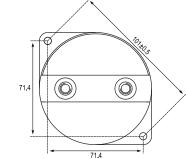


C4DENPQ5680A8TK

C4DE, Film, Metallized Polypropylene, DC Link, $68~\mathrm{uF}, 10\%, 1,000~\mathrm{VDC}, 45~\mathrm{mm}$





| General Information | |
|--------------------------|------------------------------------------------------------------------------------------------|
| Series | C4DE |
| Dielectric | Metallized Polypropylene |
| Style | Can |
| RoHS | With Exemptions |
| REACH | SVHC (Pb – CAS 7439-92-1) |
| SCIP Number | 8e61f1d3-2fb4-4a11-b365-48e4 553d698a |
| Lead | Threaded Studs M8 |
| AEC-Q200 | No |
| Typical Component Weight | 341.7 g |
| Miscellaneous | 35 Amps (10kHz, 85C). |
| Notes | The max torques are: Terminals M8 male: 7 N.m / Fixing Holes of the Plastic Case: 5 N.m. |

Click here for the 3D model.

| Dimensions | |
|------------|---------------|
| D | 84mm +/-0.5mm |
| L | 51mm +/-1mm |
| S | 45mm +/-1mm |
| LL | 20mm NOM |
| F | 10mm NOM |

| Packaging Specifications | |
|--------------------------|--------------|
| Terminal Type | Flange Mount |
| Packaging | Bulk, Bag |
| Packaging Quantity | 12 |

| Specifications | |
|-------------------|---------------------------------------------------------------------|
| Capacitance | 68 uF |
| Tolerance | 10% |
| Voltage DC | 1000 VDC |
| Temperature Range | -40/+85°C |
| Rated Temperature | 85°C |
| Max dV/dt | 32 V/us |
| ESR | 1.1 mOhms (10kHz) |
| Ripple Current | 92 Amps (10kHz 25C), 77 Amps (10kHz 45C), 60 Amps (10kHz 65C) |
| Inductance | 32 nH |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.