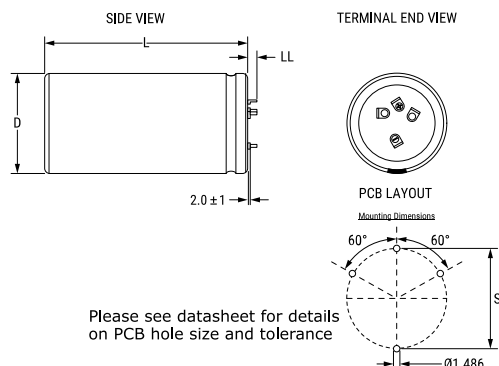


**KEMET Part Number: ALF70C562DF100**  
(A556EH562M100C)



ALF70, Aluminum Electrolytic, 5,600 uF, 20%, 100 VDC, -40/+85°C



Please see datasheet for details on PCB hole size and tolerance

**Dimensions**

|           |                    |
|-----------|--------------------|
| <b>D</b>  | 35mm +1mm          |
| <b>L</b>  | 50mm +/-2mm        |
| <b>S</b>  | 22.5mm +/-0.1mm    |
| <b>LL</b> | 5.5mm +/-1mm       |
| <b>F</b>  | 1.486mm +/-0.076mm |

**Packaging Specifications**

|                   |      |
|-------------------|------|
| <b>Weight:</b>    | 80 g |
| <b>Sleeving:</b>  | Yes  |
| <b>Packaging:</b> | Bulk |

**General Information**

|                      |                                      |
|----------------------|--------------------------------------|
| <b>Series:</b>       | ALF70                                |
| <b>Dielectric:</b>   | Aluminum Electrolytic                |
| <b>Style:</b>        | Press-Fit                            |
| <b>Description:</b>  | Press-Fit, Aluminum Electrolytic     |
| <b>RoHS:</b>         | Yes                                  |
| <b>Lead:</b>         | 4 Pin Press-Fit                      |
| <b>AEC-Q200:</b>     | No                                   |
| <b>Halogen Free:</b> | Yes                                  |
| <b>Notes:</b>        | Dimensions D And L Include Sleeving. |
| <b>Shelf Life:</b>   | 156 Weeks                            |

**Specifications**

|                               |                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------|
| <b>Capacitance:</b>           | 5,600 uF                                                                              |
| <b>Capacitance Tolerance:</b> | 20%                                                                                   |
| <b>Voltage DC:</b>            | 100 VDC, 115 VDC (Surge)                                                              |
| <b>Temperature Range:</b>     | -40/+85°C                                                                             |
| <b>Rated Temperature:</b>     | 85°C                                                                                  |
| <b>Life:</b>                  | 15000 Hrs (Rated Voltage And Ripple Current At 85C), 24000 Hrs (Rated Voltage at 85C) |
| <b>Resistance:</b>            | 50.93 mOhms (100Hz 20C), 41.06 mOhms (10kHz 20C)                                      |
| <b>Ripple Current:</b>        | 6.768 Amps (100Hz 85C), 8.764 Amps (10kHz 85C)                                        |
| <b>Leakage Current:</b>       | 3360 uA (5min 20°C)                                                                   |

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.

