



Click [here](#) for the 3D model.

General Information

| | |
|--------------------------|--|
| Series | PEH169_105 |
| Dielectric | Aluminum Electrolytic |
| Description | Screw Terminal, Aluminum Electrolytic |
| RoHS | Yes |
| Lead | Screw Terminals M5 |
| Mounting | Through-Hole |
| Optional Mounting | Stud |
| Halogen Free | Yes |
| Typical Component Weight | 70 g |
| Notes | Dimensions D And L Include Sleeving. M5. MS = M8x12. |

Dimensions

| | |
|----|---------------|
| D | 36.6mm +/-1mm |
| L | 51.5mm +/-1mm |
| T | 4.4mm NOM |
| S | 13mm +/-0.5mm |
| F | 8mm +/-0.5mm |
| DT | 8mm NOM |
| LT | 58.9mm +/-1mm |

Packaging Specifications

| | |
|--------------------|-----------|
| Sleeving | Yes |
| Packaging | Bulk, Bag |
| Packaging Quantity | 42 |

Specifications

| | |
|-------------------|---|
| Capacitance | 1,000 uF |
| Tolerance | -10/+30% |
| Voltage DC | 100 VDC |
| Temperature Range | -40/+105°C |
| Rated Temperature | 105°C |
| Life | 7000 Hrs (Rated Voltage And Ripple Current At 105C) |
| ESR | 110 mOhms (100Hz 20C), 67 mOhms (100kHz 20C) |
| Ripple Current | 2.9 Amps (100Hz 105C), 17.4 Amps (10kHz 50C), 11.7 Amps (10kHz 40C) |
| Leakage Current | 4300 uA (5min 20°C) |
| Inductance | 12 nH (ESL) |

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.