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## 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  |
| AEC-Q200                 | No  |
| Halogen Free             | Yes   |
| Typical Component Weight | 130 g   |
| Notes                    | Dimensions D And L Include Slewing. M5. MS = M8x12. |

## Specifications

|                   |   |
|-------------------|---|
| Capacitance       | 10,000 uF   |
| Tolerance         | -10/+30%  |
| Voltage DC        | 40 VDC  |
| Temperature Range | -40/+105°C  |
| Rated Temperature | 105°C   |
| Life              | 7000 Hrs (Rated Voltage And Ripple Current At 105C)                 |
| ESR               | 16 mOhms (100Hz 20C), 11 mOhms (100kHz 20C)                         |
| Ripple Current    | 7.8 Amps (100Hz 105C), 34.8 Amps (10kHz 50C), 26.8 Amps (10kHz 40C) |
| Leakage Current   | 5200 uA (5min 20°C)   |
| Inductance        | 12 nH (ESL)   |

## Dimensions

|    |                |
|----|----------------|
| D  | 36.6mm +/-1mm  |
| L  | 94.5mm +/-1mm  |
| T  | 4.4mm NOM      |
| S  | 13mm +/-0.5mm  |
| F  | 8mm +/-0.5mm   |
| DT | 8mm NOM        |
| LT | 101.9mm +/-1mm |

## Packaging Specifications

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

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