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## General Information

|                          |  |
|--------------------------|--|
| Series                   | PEH169_105   |
| Dielectric               | Aluminum Electrolytic                                |
| Description              | Screw Terminal, Aluminum Electrolytic                |
| RoHS                     | Yes  |
| Lead                     | Oval Threaded Inserts M5                             |
| Mounting                 | Through-Hole   |
| Optional Mounting        | Stud   |
| AEC-Q200                 | No   |
| Halogen Free             | Yes  |
| Typical Component Weight | 180 g  |
| Notes                    | Dimensions D And L Include Slewing. M5. MS = M12x16. |

## Specifications

|                   |   |
|-------------------|---|
| Capacitance       | 1,500 uF  |
| Tolerance         | -10/+30%  |
| Voltage DC        | 160 VDC   |
| Temperature Range | -40/+105°C  |
| Rated Temperature | 105°C   |
| Life              | 8000 Hrs (Rated Voltage And Ripple Current At 105°C)                |
| ESR               | 93 mOhms (100Hz 20C), 51 mOhms (100kHz 20C)                         |
| Ripple Current    | 3.8 Amps (100Hz 105C), 22.1 Amps (10kHz 50C), 16.2 Amps (10kHz 40C) |
| Leakage Current   | 4720 uA (5min 20°C)   |
| Inductance        | 16 nH (ESL)   |

## Dimensions

|    |               |
|----|---------------|
| D  | 51.6mm +/-1mm |
| L  | 74.5mm +/-1mm |
| T  | 4.9mm NOM     |
| S  | 22mm +/-0.5mm |
| F  | 15mm +/-0.5mm |
| DT | 15mm NOM      |
| G  | 13mm NOM      |
| LT | 82.4mm +/-1mm |
| Z  | 13mm NOM      |

## Packaging Specifications

|                    |           |
|--------------------|-----------|
| Slewing            | Yes       |
| Packaging          | Bulk, Bag |
| Packaging Quantity | 20        |

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