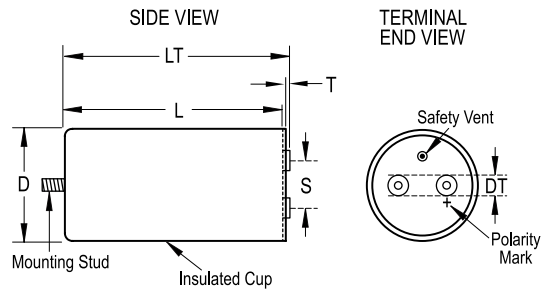


KEMET Part Number: PEH169PC4150QB2  
(A472GF152Q100A)



PEH169\_105, Aluminum Electrolytic, 1,500 uF, -10/+30%, 100 VDC, -40/+105°C



| General Information |                                                      |
|---------------------|------------------------------------------------------|
| Series:             | PEH169_105                                           |
| Dielectric:         | Aluminum Electrolytic                                |
| Description:        | Screw Terminal, Aluminum Electrolytic                |
| RoHS:               | Yes                                                  |
| Mounting:           | Stud                                                 |
| AEC-Q200:           | No                                                   |
| Halogen Free:       | Yes                                                  |
| Component Weight:   | 105 g                                                |
| Notes:              | Dimensions D And L Include Sleeving. M5. MS = M8x12. |

| Dimensions |               |
|------------|---------------|
| D          | 36.6mm +/-1mm |
| L          | 73.5mm +/-1mm |
| T          | 4.4mm NOM     |
| S          | 13mm +/-0.5mm |
| F          | 8mm +/-0.5mm  |
| DT         | 8mm NOM       |
| LT         | 80.9mm +/-1mm |

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

| Specifications         |                                                                     |
|------------------------|---------------------------------------------------------------------|
| Capacitance:           | 1,500 uF                                                            |
| Capacitance 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)                 |
| Resistance:            | 73 mOhms (100Hz 20C), 44 mOhms (100kHz 20C)                         |
| Ripple Current:        | 3.6 Amps (100Hz 105C), 20.5 Amps (10kHz 50C), 14.9 Amps (10kHz 40C) |
| Leakage Current:       | 4450 uA (5min 20°C)                                                 |
| Inductance:            | 12 nH (ESL)                                                         |

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