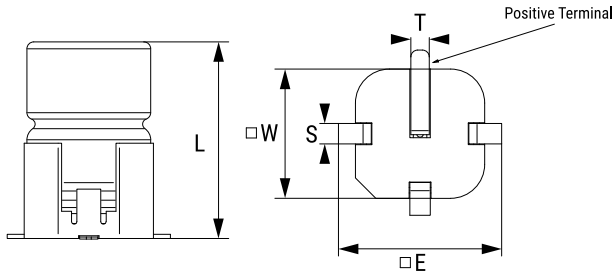


PEV228KLL4170QE4

PEV228, Aluminum, Aluminum Electrolytic, 1,700 uF, -10/+30%, 40 VDC, -40/+150°C, 3 mm



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

General Information

| | |
|--------------------------|--|
| Series | PEV228 |
| Dielectric | Aluminum Electrolytic |
| Style | Vertical SMD |
| Description | Radial Surface Mount Aluminum Electrolytic |
| RoHS | Yes |
| Lead | Radial SMD |
| Qualifications | AEC-Q200 |
| Halogen Free | Yes |
| Typical Component Weight | 13 g |
| Shelf Life | 520 Weeks |

Specifications

| | |
|-------------------|---|
| Capacitance | 1,700 uF |
| Tolerance | -10/+30% |
| Voltage DC | 40 VDC |
| Temperature Range | -40/+150°C |
| Rated Temperature | 150°C |
| Life | 8400 Hrs (Rated Voltage At 125C), 2000 Hrs (Rated Voltage At 150C) |
| ESR | 54.5 mOhms (100Hz 20C), 24.2 mOhms (100kHz 20C), 11 mOhms (5-100kHz 150C) |
| Ripple Current | 18.8 Amps Maximum with heat-sink (5kHz 125C) |
| Leakage Current | 208 uA (5min 20°C) |

Dimensions

| | |
|---|-----------------|
| L | 28.9mm +/-1mm |
| W | 19mm +/-0.5mm |
| T | 2.5mm +/-0.3mm |
| S | 3mm +/-0.3mm |
| E | 24.5mm +/-0.5mm |

Packaging Specifications

| | |
|-----------|------|
| Packaging | Tray |
|-----------|------|

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.