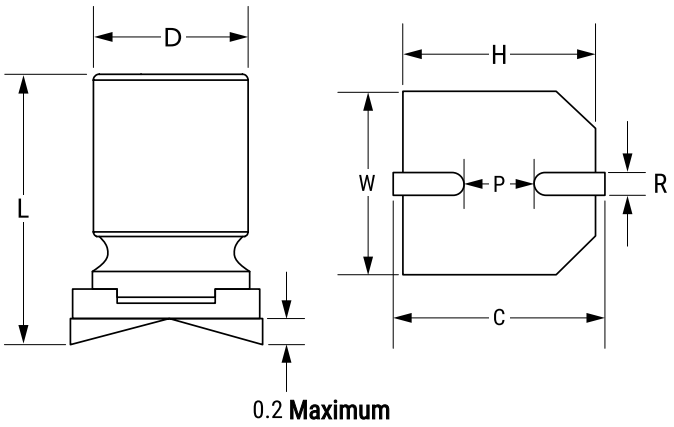
# A780EN476M1HLAS050

A780, Aluminum, Hybrid Polymer, 47 uF, 20%, 50 VDC, -55/+125°C




Click here for the 3D model.

| General Information | |
|---|---|
| Series | A780 |
| Dielectric | Hybrid Polymer |
| Style | SMD Can |
| Description | Surface Mount, Polymer Aluminum |
| RoHS | Yes |
| Lead | V-Chip |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |
| Halogen Free | Yes |
| Shelf Life | 52 Weeks |
| MSL | 1 |

| Dimensions | |
|---|---|
| D | 6.3mm +/-0.5mm |
| L | 9.7mm +/-0.3mm |
| W | 6.6mm +/-0.2mm |
| H | 6.6mm +/-0.2mm |
| C | 7.3mm +/-0.2mm |
| P | 2mm NOM |
| R | 0.5 - 0.8mm |

| Packaging Specifications | |
|---|---|
| Packaging | T&R, 380mm |
| Packaging Quantity | 800 |

| Specifications | |
|---|---|
| Capacitance | 47 uF |
| Tolerance | 20% |
| Voltage DC | 50 VDC, 57.5 VDC (Surge) |
| Temperature Range | -55/+125°C |
| Rated Temperature | 125°C |
| Life | 4000 Hrs |
| Dissipation Factor | 10% 120Hz 20C |
| ESR | 50 mOhms (100kHz 20C) |
| Ripple Current | 1080 mAmps (100kHz 125C) |
| High Temperature Solder | Yes |
| Leakage Current | 23.5 uA (2min 20°C) |