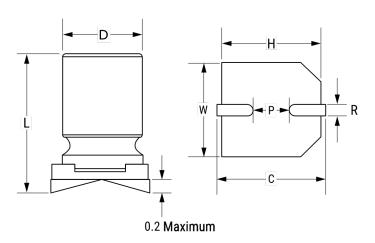


a YAGEO company

A781MS157M1HLAS028

A781, Hybrid Polymer, 150 uF, 20%, 50 VDC, -55/+135°C



Click here for the 3D model.

| Dimensions | |
|------------|-----------------|
| D | 10mm +/-0.5mm |
| L | 12.2mm +/-0.5mm |
| W | 10.3mm +/-0.2mm |
| Н | 10.3mm +/-0.2mm |
| С | 11mm +/-0.2mm |
| Р | 4.6mm NOM |
| R | 0.8 - 1.1mm |

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

| General Information | | |
|---------------------|---------------------------------|--|
| Series | A781 | |
| 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 | |

| Specifications | , |
|-------------------------------|--|
| Capacitance | 150 uF |
| Capacitance Tolerance | 20% |
| Voltage DC | 50 VDC, 57.5 VDC (Surge) |
| Temperature Range | -55/+135°C |
| Rated Temperature | 135°C |
| Life | 2000 Hrs |
| Dissipation Factor | 10% 120Hz 20C |
| ESR | 28 mOhms (100kHz 20C) |
| Ripple Current | 2300 mAmps (100kHz 125C), 2600 mAmps (100kHz 135C), 6600 mAmps (100kHz 105C MAX, With Heat Sink), 4250 mAmps (100kHz 125C MAX, With Heat Sink) |
| Leakage Current | 75 uA (2min 20°C) |
| High Temperature Solder | Yes |

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