

A770KE187M1ELAS029 A770, Polymer Aluminum, 180 uF, 20%, 25 VDC, -55/+125°C

0.2 Maximum

| General Information | |
|---------------------|---------------------------------|
| Series | A770 |
| Dielectric | Polymer Aluminum |
| Style | SMD Can |
| Description | Surface Mount, Polymer Aluminum |
| RoHS | Yes |
| Lead | V-Chip |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |
| Halogen Free | Yes |

| Specifications | | |
|-------------------------|--------------------------|--|
| Capacitance | 180 uF | |
| Capacitance Tolerance | 20% | |
| Voltage DC | 25 VDC | |
| Temperature Range | -55/+125°C | |
| Rated Temperature | 125°C | |
| Life | 2000 Hrs | |
| Resistance | 29 mOhms (100kHz 20C) | |
| Ripple Current | 1600 mAmps (100kHz 125C) | |
| Leakage Current | 135 uA (2min 20°C) | |
| High Temperature Solder | Yes | |

| Dimensions | |
|------------|----------------|
| D | 8mm +/-0.5mm |
| L | 6.7mm +/-0.3mm |
| W | 8.3mm +/-0.2mm |
| Н | 8.3mm +/-0.2mm |
| С | 9mm +/-0.2mm |
| Р | 3.1mm NOM |
| R | 0.8 - 1.1mm |

T&R, 380mm

1000

Packaging Specifications Packaging

Packaging Quantity

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.

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