

EXV, Aluminum Electrolytic, 47 uF, 20%, 25 VDC, -55/+105°C



| General Information | |
|---------------------|--------------------------------------|
| Series: | EXV |
| Dielectric: | Aluminum Electrolytic |
| Style: | SMD Can |
| Description: | Surface Mount, Aluminum Electrolytic |
| Features: | Ultra Low Impedance |
| RoHS: | Yes |
| Lead: | V-Chip |
| AEC-Q200: | No |

| Dimensions | |
|------------|---------------------|
| D | 6.3mm +/-0.5mm |
| L | 5.4mm +0.25/-0.1mm |
| W | 0.65mm +/-0.1mm |
| F | 0.3mm MAX |
| A | 6.6mm +/-0.2mm |
| B | 6.6mm +/-0.2mm |
| C | 7.8mm MAX |
| E | 2.6mm +/-0.2mm |
| G | 0.35mm +0.15/-0.2mm |
| P | 1.8mm +/-0.2mm |

| Specifications | |
|--------------------------|--|
| Capacitance: | 47 uF |
| Capacitance Tolerance: | 20% |
| Voltage DC: | 25 VDC, 32 VDC (Surge) |
| Temperature Range: | -55/+105°C |
| Rated Temperature: | 105°C |
| Life: | 3000 Hrs |
| Dissipation Factor: | 14% |
| Resistance: | 0.52 Ohms (100kHz) |
| Ripple Current: | 168 mAmps (120Hz), 336 mAmps (120Hz 85C), 240 mAmps (100kHz) |
| Leakage Current: | 11.8 uA (2min 20°C) |
| Impedance Ratio at -25C: | 2 |
| Impedance Ratio at -40C: | 3 |
| High Temperature Solder: | Yes |

| Packaging Specifications | |
|--------------------------|------------|
| Packaging: | T&R, 380mm |
| Packaging Quantity: | 1000 |

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.