

KEMET Part Number: M39003/01-7107
(T212B685J035CS, CSR13F685JC)

T212_CSR13, Tantalum, MnO2 Tantalum, Military/High Reliability, 6.8 uF, 5%, 35 VDC, 2.5 Ohms



| Dimensions | |
|------------|-------------------|
| D | 4.7mm +/-0.25mm |
| L | 12.04mm +/-0.79mm |
| L2 | 15.49mm |
| LL | 38.1mm +/-6.35mm |
| F | 0.51mm +/-0.05mm |
| G | 3.45mm +0.79mm |

| Packaging Specifications | |
|--------------------------|-----------|
| Packaging: | Bulk, Box |
| Packaging Quantity: | 75 |

| General Information | |
|---------------------|--|
| Supplier: | KEMET |
| Series: | T212_CSR13 |
| Dielectric: | MnO2 Tantalum |
| Style: | Axial Hermetic |
| Description: | Axial, Solid Tantalum, Hermetically Sealed, Military, CSR13 Style |
| Features: | Low Leakage |
| RoHS: | No |
| Prop 65: | ⚠ WARNING: Cancer and reproductive harm - www.p65warnings.ca.gov . |
| REACH: | SVHC (Pb – CAS 7439-92-1) |
| Termination: | Lead (SnPb) |
| Lead: | Wire Leads |
| Qualifications: | MIL-PRF-39003, CSR13 Style |
| Construction: | Hermetic |
| Notes: | Dimensions Include Insulating Sleeve. Lead Length Shown Is For Parts Supplied With Bulk Packaging, When Supplied On T&R Or Ammo, Lead Length Is Determined By Taping Specification |

| Specifications | |
|--------------------------|--|
| Capacitance: | 6.8 uF |
| Capacitance Tolerance: | 5% |
| Voltage DC: | 35 VDC (85C), 28 VDC (125C Surge), 0.35 VDC (125C Reverse) |
| Temperature Range: | -55/+125C |
| Failure Rate: | C (0.01%/1000 Hrs) |
| Resistance: | 2.5 Ohms (100kHz) |
| Ripple Current: | 200 mAmps (100kHz) |
| Leakage Current: | 1.5 uA |
| Testing and Reliability: | Standard Testing To MIL-PRF-39003 |

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