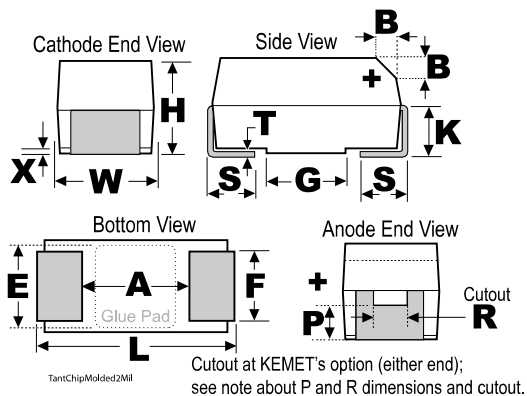


KEMET Part Number: T492D685K025CH
(CWR11KH685KC)

Capacitor, Tantalum, 6.8 uF, 7343, +/-10% Tol, -55/+125C, 25 VDC (85C), Failure Rate=C (0.01%/1000 Hrs)



| General Information | |
|------------------------|---|
| Supplier: | KEMET |
| Application: | MIL-PRF-55365/8 |
| Part Type Description: | SMD, MnO ₂ , Molded, Military Equivalent |
| Construction: | Standard Chip-MnO ₂ |
| Body Type: | SMD Chip |
| Termination: | Solder Coated |
| Footprint: | 7343 |
| Weight: | 412.33 mg |
| Approvals: | MIL-PRF-55365/8, CWR11 Style |
| RoHS: | No |

| Dimensions (mm) | | |
|-----------------|-----------|-----------|
| Symbol | Dimension | Tolerance |
| L | 7.3 | +/-0.3 |
| W | 4.3 | +/-0.3 |
| H | 2.8 | +/-0.3 |
| K | 1 | MIN |
| F | 2.4 | +/-0.1 |
| S | 1.3 | +/-0.3 |
| B | 0.5 | +/-0.15 |
| X | 0.1 | +/-0.1 |
| P | 0.5 | MIN |
| R | 1 | REF |
| T | 0.13 | REF |
| A | 3.8 | MIN |
| G | 3.5 | REF |
| E | 3.5 | REF |

| Specifications | |
|---------------------|-----------------------|
| Capacitance: | 6.8 uF |
| Tolerance: | +/-10% |
| Voltage: | 25 VDC (85C) |
| Voltage: | 16.75 VDC (125C) |
| Temperature Range: | -55/+125C |
| Testing: | Standard Testing Only |
| Resistance/ESR: | 1.4 Ohms (100kHz) |
| Failure Rate: | C (0.01%/1000 Hrs) |
| Leakage Current: | 1.7 uA |
| Dissipation Factor: | 6% |

| Packaging Specifications | |
|--------------------------|-------------|
| Package Kind: | T&R |
| Package Size: | 7 in/180 mm |
| Package Quantity: | 2500 |

Notes:

-Note: When Option C Is Selected For Lead Material, Add An Additional 0.38mm To The Tolerances For "L", "W", "H", "K", "F" And "S"

-P And R Dimensions Represents The Minimum Solderable Area Of The Termination Surface Entirely Below Cutout (If One Is Present)