

Excellent Integrated System Limited

Stocking Distributor

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KEMET CWR09KC475KB

For any questions, you can email us directly: sales@integrated-circuit.com

Distributor of KEMET: Excellent Integrated System Limited

Datasheet of CWR09KC475KB - CAP TANT 4.7UF 10% 25V 2214

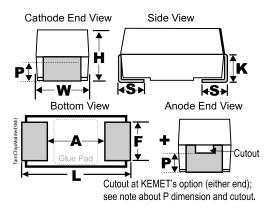
Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com

KEMET Part Number: T409F475K025BC

(CWR09KC475KB)



Capacitor, Tantalum, 4.7 uF, 5634, +/-10% Tol, -55/+125C, 25 VDC (85C), Failure Rate=B (0.1%/1000 Hrs)



| Dimensions (mm) | | | |
|-----------------|-----------|--------------|--|
| Symbol | Dimension | Tolerance | |
| L | 5.59 | +/-0.38 | |
| W | 3.43 | +/-0.38 | |
| Н | 1.78 | +/-0.38 | |
| К | 1.02 | MIN | |
| F | 3.3 | +/-0.13 | |
| S | 0.76 | +0.025/-0.13 | |
| Р | 0.51 | MIN | |
| A | 4.07 | NOM | |

-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)

| General Information | | |
|------------------------|---|--|
| Supplier: | KEMET | |
| Application: | MIL-PRF-55365/4 | |
| Part Type Description: | SMD, MnO2, Molded, Military Equivalent | |
| Construction: | Standard Chip-MnO2 | |
| Body Type: | SMD Chip | |
| Termination: | Hot Solder Dipped | |
| Footprint: | 5634 | |
| Weight: | 173.63 mg | |
| Approvals: | MIL-PRF-55365/4, CWR09 Style | |
| RoHS: | No | |

| Specifications | | |
|---------------------|-----------------------|--|
| Capacitance: | 4.7 uF | |
| Tolerance: | +/-10% | |
| Voltage: | 25 VDC (85C) | |
| Voltage: | 16.75 VDC (125C) | |
| Temperature Range: | -55/+125C | |
| Testing: | Standard Testing Only | |
| Resistance/ESR: | 2.5 Ohms (100kHz) | |
| Failure Rate: | B (0.1%/1000 Hrs) | |
| Leakage Current: | 2 uA | |
| Dissipation Factor: | 6% | |

| Packaging Specifications | | |
|--------------------------|-------------|--|
| Package Kind: | T&R | |
| Package Size: | 7 in/180 mm | |
| Package Quantity: | 500 | |

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