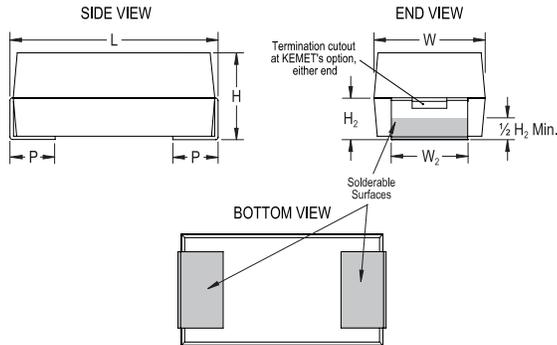


**KEMET Part Number: CWR09KC475KB**  
(T409F475K025BC)



T409\_CWR09, Tantalum, MnO2 Tantalum, Military/High Reliability, 4.7 uF, 10%, 25 V, SMD, MnO2, Molded, Military Equivalent, B (0.1%/1000 Hrs), 2.5 Ohms, 5634, Height Max = 2.16mm



Dimensions	
Footprint	5634
L	5.59mm +/-0.38mm
W	3.43mm +/-0.38mm
H	1.78mm +/-0.38mm
S	0.76mm +0.025/-0.13mm
F	3.3mm +/-0.13mm
A	4.07mm NOM
K	1.02mm MIN
P	0.51mm MIN

Packaging Specifications	
Weight:	173.63 mg
Packaging:	T&R, 178mm
Packaging Quantity:	500

General Information	
Supplier:	KEMET
Series:	T409_CWR09
Dielectric:	MnO2 Tantalum
Style:	SMD Chip
Description:	SMD, MnO2, Molded, Military Equivalent
RoHS:	No
Termination:	Hot Solder Dipped
Qualifications:	MIL-PRF-55365/4, CWR09 Style
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)

Specifications	
Capacitance:	4.7 uF
Capacitance Tolerance:	10%
Voltage DC:	25 VDC (85C), 16.75 VDC (125C)
Temperature Range:	-55/+125C
Rated Temperature:	85C
Dissipation Factor:	6%
Failure Rate:	B (0.1%/1000 Hrs)
Resistance:	2.5 Ohms (100kHz)
Leakage Current:	2 uA (20C)
Testing and Reliability:	Standard Testing Only

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