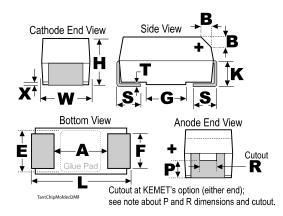
KEMET Part Number: T492A105K020CH4251

(CWR11JH105KCB)



Capacitor, Tantalum, 1 uF, 3216, +/-10% Tol, -55/+125C, 20 VDC (85C), Failure Rate=C (0.01%/1000 Hrs)



Dimensions (mm)			
Symbol	Dimension	Tolerance	
L	3.2	+/-0.2	
W	1.6	+/-0.2	
Н	1.6	+/-0.2	
К	0.7	MIN	
F	1.2	+/-0.1	
S	0.8	+/-0.3	
В	0.4	+/-0.15	
Х	0.1	+/-0.1	
Р	0.35	MIN	
R	0.4	REF	
Т	0.13	REF	
A	1.4	MIN	
G	1.1	REF	
E	1.3	REF	

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)

General Information		
Supplier:	KEMET	
Application:	MIL-PRF-55365/8	
Part Type Description:	SMD, MnO2, Molded, Military Equivalent	
Construction:	Standard Chip-MnO2	
Body Type:	SMD Chip	
Termination:	Solder Coated	
Footprint:	3216	
Weight:	58.97 mg	
Approvals:	MIL-PRF-55365/8, CWR11 Style	
RoHS:	No	

Specifications		
Capacitance:	1 uF	
Tolerance:	+/-10%	
Voltage:	20 VDC (85C)	
Voltage:	13.4 VDC (125C)	
Temperature Range:	-55/+125C	
Testing:	Surge Testing At -55C And +85C After Weibull	
Resistance/ESR:	10 Ohms (100kHz)	
Failure Rate:	C (0.01%/1000 Hrs)	
Leakage Current:	0.5 uA	
Dissipation Factor:	4%	

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

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