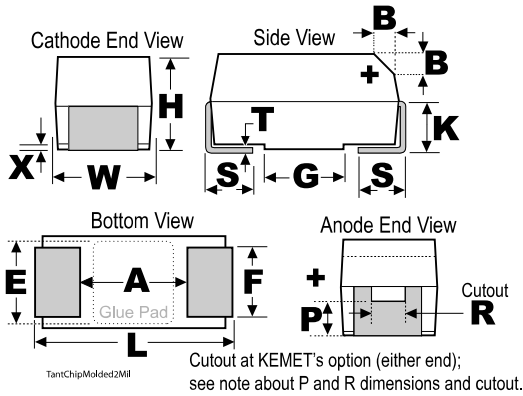


KEMET Part Number: T492A105K020CH4251
(CWR11JH105KCB)

Capacitor, Tantalum, 1 uF, 3216, +/-10% Tol, -55/+125C, 20 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:	3216
Weight:	58.97 mg
Approvals:	MIL-PRF-55365/8, CWR11 Style
RoHS:	No

Dimensions (mm)		
Symbol	Dimension	Tolerance
L	3.2	+/-0.2
W	1.6	+/-0.2
H	1.6	+/-0.2
K	0.7	MIN
F	1.2	+/-0.1
S	0.8	+/-0.3
B	0.4	+/-0.15
X	0.1	+/-0.1
P	0.35	MIN
R	0.4	REF
T	0.13	REF
A	1.4	MIN
G	1.1	REF
E	1.3	REF

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

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)