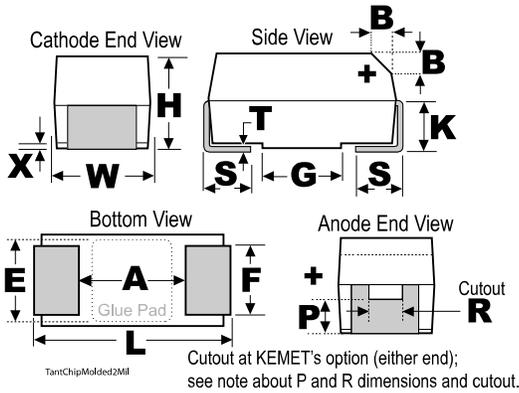


KEMET Part Number: T492C475K025PH4251
(CWR11KH475KPB)



Capacitor, Tantalum, 4.7 uF, 6032, +/-10% Tol, -55/+125C, 25 VDC (85C), Failure Rate=P (0.1%/1000 Hrs)



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:	6032
Weight:	224.2 mg
Approvals:	MIL-PRF-55365/8, CWR11 Style
RoHS:	No

Dimensions (mm)		
Symbol	Dimension	Tolerance
L	6	+/-0.3
W	3.2	+/-0.3
H	2.5	+/-0.3
K	1	MIN
F	2.2	+/-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	3.1	MIN
G	2.8	REF
E	2.4	REF

Specifications	
Capacitance:	4.7 uF
Tolerance:	+/-10%
Voltage:	25 VDC (85C)
Voltage:	16.75 VDC (125C)
Temperature Range:	-55/+125C
Testing:	Surge Testing At -55C And +85C After Weibull
Resistance/ESR:	2.5 Ohms (100kHz)
Failure Rate:	P (0.1%/1000 Hrs)
Leakage Current:	1.2 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)

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.



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