KEMET Part Number: CWR29HC107KBHC
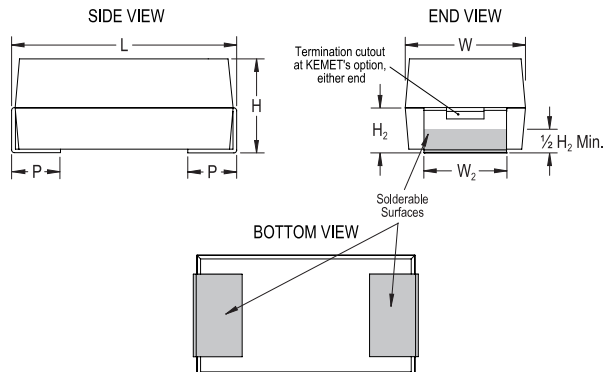(T429H107K015BC4252)

T429_CWR29, Tantalum, MnO2 Tantalum, Military/High Reliability, 100 uF, 10%, 15 VDC, SMD, MnO2, Molded, Military Equivalent, Low ESR, B (0.1%/1000 Hrs), 180 mOhms, 7238, Height Max = 3.17mm

SIDE VIEW

END VIEW

Termination cutout at KEMET's option, either end

½ H₂ Min.

BOTTOM VIEW

Solderable Surfaces

General Information

Supplier:	KEMET
Series:	T429_CWR29
Dielectric:	MnO2 Tantalum
Style:	SMD Chip
Description:	SMD, MnO2, Molded, Military Equivalent, Low ESR
RoHS:	No
Termination:	Hot Solder Dipped
Qualifications:	MIL-PRF-55365/11, CWR29 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)

Dimensions

Footprint	7238
L	7.24mm +/-0.38mm
W	3.81mm +/-0.38mm
H	2.79mm +/-0.38mm
S	1.27mm +0.025/-0.13mm
F	3.68mm +0.13/-0.51mm
A	4.7mm NOM
K	1.52mm MIN
P	0.76mm MIN

Packaging Specifications

Weight:	349.01 mg
Packaging:	T&R, 178mm
Packaging Quantity:	500

Specifications

Capacitance:	100 uF
Capacitance Tolerance:	10%
Voltage DC:	15 VDC (85C), 10.05 VDC (125C)
Temperature Range:	-55/+125C
Rated Temperature:	85C
Dissipation Factor:	10.00%
Failure Rate:	B (0.1%/1000 Hrs)
Resistance:	0.18 Ohms (100kHz)
Leakage Current:	15 uA (20C)
Testing and Reliability:	Surge Testing At -55C And +85C Before Weibull