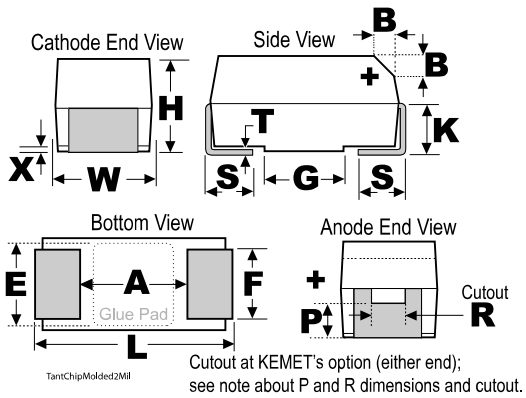
KEMET Part Number: CWR11MH105JB

(T492B105J035BH)

Tantalum, MnO2 Tantalum, Military/High Reliability, T492_CWR11, 1 uF, 5%, 35 V, 3528, SMD, MnO2, Molded, Military Equivalent, B (0.1%/1000 Hrs), 6.5 Ohms, Height Max = 2.1mm



General Information	
Dielectric:	MnO2 Tantalum
Style:	SMD Chip
Series:	T492_CWR11
Description:	SMD, MnO2, Molded, Military Equivalent
RoHS:	No
Termination:	Solder Coated
Approvals:	MIL-PRF-55365/8, CWR11 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	3528
L	3.5mm +/-0.2mm
W	2.8mm +/-0.2mm
H	1.9mm +/-0.2mm
T	0.13mm REF
S	0.8mm +/-0.3mm
F	2.2mm +/-0.1mm
A	2.1mm MIN
B	0.4mm +/-0.15mm
E	2.2mm REF
G	1.8mm REF
K	0.7mm MIN
P	0.35mm MIN
R	1mm REF
X	0.1mm +/-0.1mm

Specifications	
Capacitance:	1 uF
Capacitance Tolerance:	5%
Voltage DC:	35 VDC (85C), 23.45 VDC (125C)
Temperature Range:	-55/+125C
Dissipation Factor:	4%
Failure Rate:	B (0.1%/1000 Hrs)
Resistance:	6.5 Ohms (100kHz)
Leakage:	0.5 uAmps (20C)
Testing and Reliability:	Standard Testing Only

Packaging Specifications	
Weight:	102.3 mg
Packaging:	T&R, 178mm
Packaging Quantity:	2500