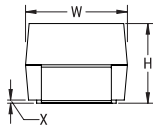
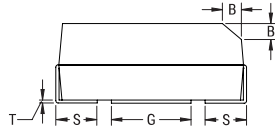


T489, Tantalum, MnO2 Tantalum, .1 uF, 20%, 35 VDC, SMD, MnO2, Molded, Low Leakage, 20 Ohms, 3216, Height Max = 1.8mm

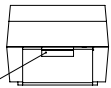
CATHODE (-) END VIEW



SIDE VIEW



ANODE (+) END VIEW



Termination cutout
 at KEMET's option,
 either end.

BOTTOM VIEW



General Information

Supplier:	KEMET
Series:	T489
Dielectric:	MnO2 Tantalum
Style:	SMD Chip
Description:	SMD, MnO2, Molded, Low Leakage
Features:	Low Leakage
RoHS:	Yes
Termination:	Tin
Shelf Life:	156 Weeks
MSL:	1

Dimensions

Footprint	3216
L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
H	1.6mm +/-0.2mm
T	0.13mm REF
S	0.8mm +/-0.3mm
F	1.2mm +/-0.1mm
A	1.2mm MIN
B	0.4mm +/-0.15mm
E	1.3mm REF
G	1.1mm REF
P	0.4mm REF
R	0.4mm REF
X	0.1mm +/-0.1mm

Specifications

Capacitance:	.1 uF
Capacitance Tolerance:	20%
Voltage DC:	35 VDC (85C), 23.45 VDC (125C)
Temperature Range:	-55/+125C
Rated Temperature:	85C
Dissipation Factor:	4.00% 120Hz 25C
Failure Rate:	N/A
Resistance:	20000 mOhms (100kHz)
Leakage Current:	0.5 uA (5min 25C)

Packaging Specifications

Weight:	58.6 mg
Packaging:	T&R, 178mm
Packaging Quantity:	2000

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.