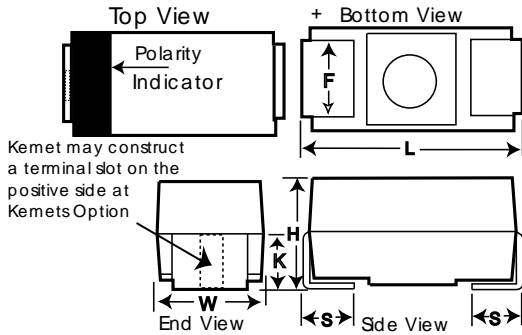


KEMET Part Number: T495A105M025ZTE5K0
(B45025A1059M508)

Capacitor, tantalum, 1 uF, 3216, +/-20% Tol, 25V@85C



Dimensions (mm)		
Symbol	Dimension	Tolerance
L	3.2	+/-0.2
W	1.6	+/-0.2
H	1.6	+/-0.2
K	1.3	typ
F	1.2	+/-0.1
S	0.8	+/-0.3

Notes:

-In polarity stripe, at KEMET's option, type may be indicated: see catalog for explanation of symbols

-Old part number [Obsolete] was B45025A1059M508

General Information	
Manufacturer:	KEMET
Construction:	Standard Chip-MnO2

Specifications	
Capacitance:	1 uF
Voltage DC @ 85C:	25V
Voltage DC @ 105C:	20.5V
Voltage DC @ 125C:	16V
Tolerance:	+/-20%
Application:	General Purpose/Low ESR
Temperature Range:	-55/+125C
Body Type:	Molded Chip
ESR:	5 Ohm
Footprint:	3216
Termination:	Tin
RoHS:	Yes
Leakage Current:	0.5 uA
Dissipation Factor:	4%
Ripple @ 25C:	0.12 A
Ripple @ 85C:	0.108 A
Ripple @ 125C:	0.048 A

Packaging Specifications	
Package Kind:	T&R
Package Size:	7in
Package Quantity:	2000