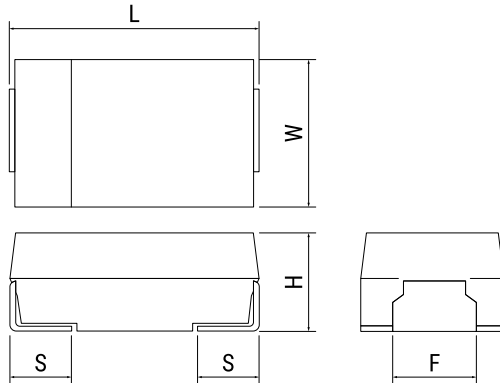


**KEMET Part Number: TEPSLA0E107M(45)8R**  
(PSLA0E107M(45)8R-T&R)



PS/L, Tantalum, Polymer Tantalum, 100 uF, 20%, 2.5 VDC, SMD, Molded, Polymer, Low ESR, 45 mOhms, 3216, Height Max = 1.8mm



General Information	
Series:	PS/L
Dielectric:	Polymer Tantalum
Style:	SMD Chip
Description:	SMD, Molded, Polymer, Low ESR
Features:	Low ESR
RoHS:	Yes
Termination:	Tin
AEC-Q200:	No

Dimensions	
Footprint	3216
L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
H	1.6mm +/-0.2mm
S	0.8mm +/-0.2mm
F	1.2mm +/-0.1mm

Specifications	
Capacitance:	100 uF
Capacitance Tolerance:	20%
Voltage DC:	2.5 VDC (105°C), 3.3 VDC (Surge)
Temperature Range:	-55/+105°C
Rated Temperature:	105°C
Dissipation Factor:	8%
Failure Rate:	N/A
Resistance:	45 mOhms (25C, 100kHz)
Ripple Current:	1291 mAmps (25C, 100kHz)
Leakage Current:	25 uA

Packaging Specifications	
Packaging:	T&R, 178mm

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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