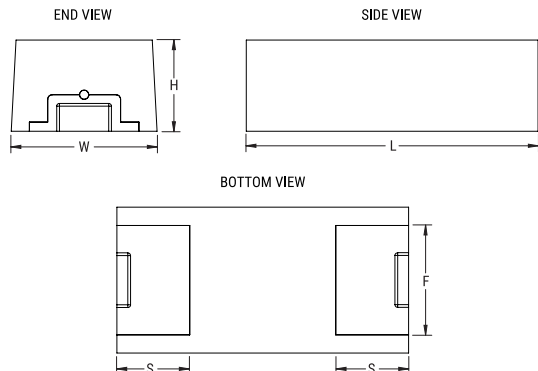


KEMET Part Number: TF08A476M006APE150
(TEFPSA080J476MR)

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TF, Tantalum, Polymer Tantalum, Reduced Volume, 47 uF, 20%, 6.3 VDC, SMD, Polymer, Molded, Face Down Terminals, 150 mOhms, 3216, Height Max = 0.8mm



Dimensions

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

Packaging Specifications

Packaging:	T&R, 178mm
Packaging Quantity:	3000

General Information

Series:	TF
Dielectric:	Polymer Tantalum
Style:	SMD Chip
Description:	SMD, Polymer, Molded, Face Down Terminals
Features:	Face Down, Low Profile, Low ESR
RoHS:	Yes
Termination:	Nickel Palladium Gold
AEC-Q200:	No
Shelf Life:	52 Weeks
MSL:	3

Specifications

Capacitance:	47 uF
Capacitance Tolerance:	20%
Voltage DC:	6.3 VDC (105C)
Temperature Range:	-55/+105°C
Rated Temperature:	105°C
Life:	1000 Hrs (105C)
Humidity:	60C, 90% RH, 500 Hours
Failure Rate:	N/A
Resistance:	150 mOhms (100kHz 25C)
Ripple Current:	632 mA (rms, 100kHz 45C), 442.4 mA (rms, 85C), 158 mA (rms, 105C)
Leakage Current:	29.6 uA (5min 25°C)

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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