



General Information	
Series	B45190R
Dielectric	MnO <sub>2</sub> Tantalum
Style	SMD Chip
Description	SMD, Molded, Low Profile, Low ESR, Surge Robust
Features	Low Profile, Low ESR, Surge Robust
RoHS	Yes
Termination	Tin
AEC-Q200	No
Notes	Obsolete. Old Part Number [Obsolete] Was B45190R0476M206.

Specifications	
Capacitance	47 uF
Capacitance Tolerance	20%
Voltage DC	4 VDC (85C), 2.68 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	10%
Failure Rate	N/A
Resistance	1 Ohms (100kHz)
Ripple Current	270 mAmps (25C), 243 mAmps (85C), 108 mAmps (125C)
Leakage Current	1.9 uA

Dimensions	
Footprint	3528
L	3.5mm +/-0.2mm
W	2.8mm +/-0.2mm
H	1.2mm MAX
S	0.8mm +/-0.3mm
F	2.2mm +/-0.1mm
K	1mm TYP

Packaging Specifications	
Packaging	T&R, 330mm
Packaging Quantity	10000