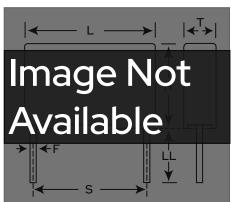




KEMET, MPEV, Metal Composite, 20%, 680 nH, 4340

YAGEO & KEMET



Click here for the 3D model.

	,	
	Core	Metal Composite
	Description	Surface Mount Inductor
	Features	Power Inductors
	RoHS	Yes
	Qualifications	AEC-Q200
Ш	AEC-Q200	Yes
	Miscellaneous	40 (K) Temperature Rise Max.
	Specifications	

General Information

Series

Style

Dimensions		
Chip Size	4340	
AEC-Q200	Yes	
L	10.8mm +/-0.3mm	
W	10mm +/-0.2mm	
Т	4mm MAX	
G	4.7mm +/-0.3mm	

Packaging Specifications	
Typical Component Weight	2.2 g
Packaging	T&R, 330mm
Packaging Quantity	500

Specifications	
Inductance	0.68 uH (100 kHz)
Inductance Tolerance	20%
Inductance	680 nH
Temperature Range	-55/+180°C
Shielded	true
Current	23.1 A (Irms, 40C Rise By Self Heating), 23 A (Isat, 20% Drop In Inductance), 34.5 A (Isat, 30% Drop In Inductance)
DC Resistance	3.2 mOhms
DC Resistance	3.2 mOhms
Self-Resonant Frequency	47 MHz

MPEV

SMD Molded

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