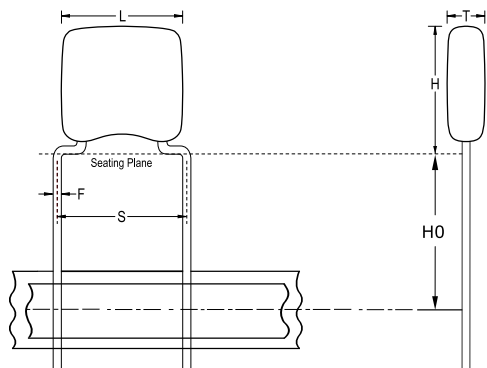


KEMET Part Number: C317C103K5H5TA91707303
(C317C103K5H5TA9170TR)



GoldMax 300 Auto X8R HT150C, Ceramic, 0.01 uF, 10%, 50 VDC, X8R, GoldMax, Automotive Grade, Lead Spacing = 5.08mm



General Information	
Series:	GoldMax 300 Auto X8R HT150C
Style:	Radial
Description:	GoldMax, Automotive Grade
Features:	Automotive Grade
RoHS:	Yes
Termination:	Tin
Failure Rate:	N/A
Qualifications:	AEC-Q200
AEC-Q200:	Yes
Halogen Free:	Yes

Dimensions	
L	3.81mm MAX
H	5.08mm MAX
T	2.54mm MAX
S	5.08mm +/-0.78mm
HO	18mm MIN
F	0.51mm +0.1/-0.025mm

Specifications	
Capacitance:	0.01 uF
Measurement Condition:	1 MHz 1.0Vrms
Capacitance Tolerance:	10%
Voltage DC:	50 VDC
Dielectric Withstanding Voltage:	125 VDC
Temperature Range:	-55/+150°C
Temperature Coefficient:	X8R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC):	+15%/-40%, 1kHz 1.0Vrms
Dissipation Factor:	2.5% 1 MHz 1.0Vrms
Aging Rate:	3% Loss/Decade Hour
Insulation Resistance:	100 GOhms

Packaging Specifications	
Packaging:	T&R, 305mm
Packaging Quantity:	2500

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