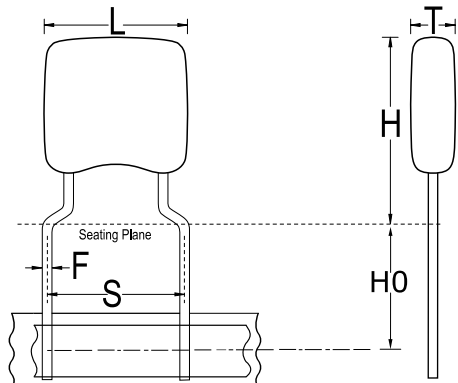


KEMET Part Number: C318C104K5R5TA91707303
(C318C104K5R5TA9170TR)

GoldMax 300 Auto X7R, Ceramic, 0.1 uF, 10%, 50 VDC, X7R, GoldMax, Automotive Grade, Lead Spacing = 5.08mm



Dimensions

L	3.81mm MAX
H	5.97mm MAX
T	2.54mm MAX
S	5.08mm +/-0.78mm
H0	18mm MIN
F	0.51mm +0.1/-0.025mm

Packaging Specifications

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

General Information

Supplier:	KEMET
Series:	GoldMax 300 Auto X7R
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

Specifications

Capacitance:	0.1 uF
Capacitance Tolerance:	10%
Voltage DC:	50 VDC
Dielectric Withstanding Voltage:	125 V
Temperature Range:	-55/+125C
Temperature Coefficient:	X7R
Dissipation Factor:	2.50% 25C
Aging Rate:	3% Loss/Decade Hour
Insulation Resistance:	10 GOhms