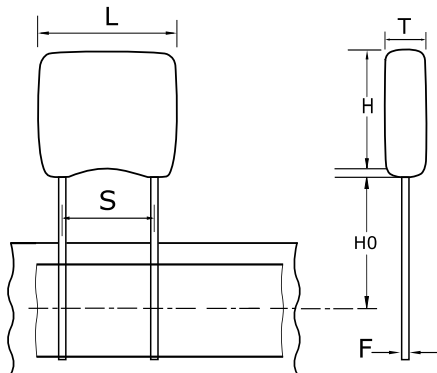


KEMET Part Number: C315C180J1G5TA7303
(C315C180J1G5TATR)

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GoldMax 300 Comm COG, Ceramic, 18 pF, 5%, 100 VDC, COG, GoldMax, Commercial Standard, Lead Spacing = 2.54mm



General Information

Series:	GoldMax 300 Comm COG
Style:	Radial
Description:	GoldMax, Commercial Standard
RoHS:	Yes
Termination:	Tin
Failure Rate:	N/A
AEC-Q200:	No
Halogen Free:	Yes

Dimensions

L	3.81mm MAX
H	3.14mm MAX
T	2.54mm MAX
S	2.54mm +/-0.78mm
H0	18mm MIN
F	0.51mm +0.1/-0.025mm

Packaging Specifications

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

Specifications

Capacitance:	18 pF
Measurement Condition:	1 MHz 1.0Vrms
Capacitance Tolerance:	5%
Voltage DC:	100 VDC
Dielectric Withstanding Voltage:	250 VDC
Temperature Range:	-55/+125°C
Temperature Coefficient:	COG
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC):	30PPM/C, 1MHz 1.0Vrms
Dissipation Factor:	0.1% 1 MHz 1.0Vrms
Aging Rate:	0% Loss/Decade Hour
Insulation Resistance:	100 GOhms

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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