

# C322C301F3G5TA

### C322C301F3G5TA Information



Part Number	C322C301F3G5TA	
Manufacturer	KEMET	
Category	Capacitors Ceramic Capacitors	
Description	CAP CER 300PF 25V COG RADIAL	
Package	Radial	
	For the pricing/inventory/lead time, please contact	
	us	
	Website: https://www.heisener.com	
	E-mail: salesdept@heisener.com	



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# For Reference Only

## **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



# C322C301F3G5TA Specifications

Manufacturer Part Number     C322C301F3G5TA       Manufacturer     KEMET       Category     Capacitors       Catagory     Ceramic Capacitors       Package     Radial       Series     Goldmax, 300       Capacitance     300pF       Tolerance     ±1%       Voltage - Rated     25V       Operating Temperature     c55° ~ 125°C       Operating Temperature     c50° ~ 125°C       Fatures     Low ESL       Applications     Bypass, Decoupling       Failure Rate     -       Mounting Type     Through Hole       Size / Dimension     0200° L x 0.125° W (5.08mm x 3.18mm)       Height - Seated (Max)     0.200° (5.08mm x 3.18mm)       Thickness (Max)     -       Lead Spacing     0.200° (5.08mm)		
CategoryCapacitorsPackageRadialSeriesGoldmax, 300Capacitance300pFTolerance±1%Voltage - RatedSVTomperature CoefficientCGS, NPOOperating Temperature-55°C ~ 125°CFeaturesLow ESLRatings-ApplicationsSpass, DecouplingFailure Rate-Mounting TypeNong HoleSize / Dimension.020° L x 0.125° W (5.08mm x 3.18mm)Faight - Sated (Max).020° L x 0.125° W (5.08mm x 3.18mm)Faight - Sated (Max).020° L x 0.125° W (5.08mm x 3.18mm)Faight - Sated (Max).020° M	Manufacturer Part Number	C322C301F3G5TA
Indext of the section of the sectio	Manufacturer	KEMET
PackageRadialSeriesGoldmax, 300Capacitance300pFTolerance±1%Voltage - Rated25VTemperature CoefficientC0G, NP0Operating Temperature-55°C ~ 125°CFeaturesLow ESLRatings-ApplicationsBypass, DecouplingFailure Rate-Mounting TypeRadialSize / Dimension0.200° L x 0.125° W (5.08mm x 3.18mm)Fickers (Max)0.200° L x 0.125° W (5.08mm x 3.18mm)Fickers (Max)0.200° L x 0.125° W (5.08mm x 3.18mm)Fickers (Max)0.200° M (5.08mm x 3.18mm)Fickers (Max)0.200° M (5.08mm x 3.18mm)Fickers (Max)0.200° M (5.08mm x 3.18mm)Fickers (Max)-Fickers (Max)-Fickers (Max)0.200° M (5.08mm x 3.18mm)Fickers (Max)-Fickers (Max)-<	Category	Capacitors
Constraint     Goldmax, 300       Capacitance     300pF       Tolerance     ±1%       Voltage - Rated     25V       Temperature Coefficient     C0G, NP0       Operating Temperature     -55°C ~ 125°C       Features     Low ESL       Ratings     -       Applications     Bypas, Decoupling       Failure Rate     -       Nounting Type     Through Hole       Size / Dimension     0.200" L x 0.125" W (5.08mm x 3.18mm)       Height - Seated (Max)     -       Thickness (Max)     -       Lead Spacing     0.200" (5.08mm)       Lead Style     Sover (5.08mm)		Ceramic Capacitors
Capacitance300pFTolerance±1%Voltage - Rated25VTemperature CoefficientCOG, NPOOperating Temperature-55°C ~ 125°CFeaturesLow ESLRatings-ApplicationsBypass, DecouplingFailure Rate-Mounting TypeThrough HoleSize / Dimension0.200° L x 0.125° W (5.08mm x 3.18mm)Height - Seated (Max)-Thickness (Max)-Lead Spacing0.200° (5.08mm)Lead StyleFormed Leads - Kinked	Package	Radial
Tolerance±1%Voltage - Rated25VTemperature CoefficientC0G, NP0Operating Temperature-55°C ~ 125°CFeaturesLow ESLRatings-ApplicationsBypass, DecouplingFailure Rate-Mounting TypeThrough HolePackage / CaseRadialSize / Dimension0.200° L x 0.125° W (5.08mm x 3.18mm)Height - Seated (Max)-Lead Spacing0.200° (5.08mm)Lead StyleSorried Leads - Kinked	Series	Goldmax, 300
Voltage - Rated25VTemperature CoefficientC0G, NP0Operating Temperature-55°C ~ 125°CFeaturesLow ESLRatings-ApplicationsBypass, DecouplingFailure Rate-Mounting TypeThrough HolePackage / CaseRadialSize / Dimension0.200° L x 0.125° W (5.08mm x 3.18mm)Height - Seated (Max)-Thickness (Max)0.200° (5.08mm)Lead SpacingSour Sun	Capacitance	300pF
Temperature CoefficientCOG, NPOOperating Temperature-55°C ~ 125°CFeaturesLow ESLRatings-ApplicationsBypass, DecouplingFailure Rate-Mounting TypeThrough HolePackage / CaseRadialSize / Dimension0.200° L x 0.125° W (5.08mm x 3.18mm)Height - Seated (Max)-Thickness (Max)0.200° (6.60mm)Lead Spacing0.200° (5.08mm)Lead StyleFormed Leads - Kinked	Tolerance	$\pm 1\%$
Operating Temperature-55°C ~ 125°CFeaturesLow ESLRatings-ApplicationsBypass, DecouplingFailure Rate-Mounting TypeThrough HolePackage / CaseRadialSize / Dimension0.200" L x 0.125" W (5.08mm x 3.18mm)Height - Seated (Max)-Thickness (Max)-Lead Spacing0.200" (5.08mm)Lead StyleFormed Leads - Kinked	Voltage - Rated	25V
FeaturesLow ESLRatings-ApplicationsBypass, DecouplingFailure Rate-Mounting TypeThrough HolePackage / CaseRadiaSize / Dimension0.200" L x 0.125" W (5.08mm x 3.18mm)Height - Seated (Max)-Thickness (Max)-Lead Spacing0.200" (5.08mm)Height - Seated (Max)-Fickness (Max)-Fickness (Max)-Height - Seated (Max)-Start (Max)-Height - Seated (Max)-Start (Max)-Start (Max)-Height - Seated (Max)-Start (Max)-Height - Seated (Max)-Start (Max)- <t< td=""><td>Temperature Coefficient</td><td>C0G, NP0</td></t<>	Temperature Coefficient	C0G, NP0
Ratings-ApplicationsBypass, DecouplingFailure Rate-Mounting TypeThrough HolePackage / CaseRadialSize / Dimension0.200" L x 0.125" W (5.08mm x 3.18mm)Height - Seated (Max)-Thickness (Max)-Lead Spacing0.200" (5.08mm)Lead StyleFormed Leads - Kinked	Operating Temperature	-55°C ~ 125°C
ApplicationsBypass, DecouplingFailure Rate-Mounting TypeThrough HolePackage / CaseRadialSize / Dimension0.200" L x 0.125" W (5.08mm x 3.18mm)Height - Seated (Max)0.260" (6.60mm)Thickness (Max)0.200" (5.08mm)Lead Spacing0.200" (5.08mm)Lead StyleFormed Leads - Kinked	Features	Low ESL
Failure Rate-Mounting TypeThrough HolePackage / CaseRadialSize / Dimension0.200" L x 0.125" W (5.08mm x 3.18mm)Height - Seated (Max)0.260" (6.60mm)Thickness (Max)-Lead Spacing0.200" (5.08mm)Lead StyleFormed Leads - Kinked	Ratings	-
Mounting TypeThrough HolePackage / CaseRadialSize / Dimension0.200" L x 0.125" W (5.08mm x 3.18mm)Height - Seated (Max)0.260" (6.60mm)Thickness (Max)-Lead Spacing0.200" (5.08mm)Lead StyleFormed Leads - Kinked	Applications	Bypass, Decoupling
Package / CaseRadialSize / Dimension0.200" L x 0.125" W (5.08mm x 3.18mm)Height - Seated (Max)0.260" (6.60mm)Thickness (Max)-Lead Spacing0.200" (5.08mm)Lead StyleFormed Leads - Kinked	Failure Rate	-
Size / Dimension     0.200" L x 0.125" W (5.08mm x 3.18mm)       Height - Seated (Max)     0.260" (6.60mm)       Thickness (Max)     -       Lead Spacing     0.200" (5.08mm)       Lead Style     Formed Leads - Kinked	Mounting Type	Through Hole
Height - Seated (Max)0.260" (6.60mm)Thickness (Max)-Lead Spacing0.200" (5.08mm)Lead StyleFormed Leads - Kinked	Package / Case	Radial
Thickness (Max)-Lead Spacing0.200" (5.08mm)Lead StyleFormed Leads - Kinked	Size / Dimension	0.200" L x 0.125" W (5.08mm x 3.18mm)
Lead Spacing0.200" (5.08mm)Lead StyleFormed Leads - Kinked	Height - Seated (Max)	0.260" (6.60mm)
Lead Style Formed Leads - Kinked	Thickness (Max)	-
	Lead Spacing	0.200" (5.08mm)
Report errors?	Lead Style	Formed Leads - Kinked
		Report errors?

#### C322C301F3G5TA Guarantees



Quality Guarantees

We provide 90 days warranty. \* If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.

# SERVICE UARANTEE

#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

#### C322C301F3G5TA Payment Methods





If you have any question about C322C301F3G5TA, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com