



## 06033F683K4T2A Information



For Reference Only

Part Number 06033F683K4T2A
Manufacturer AVX Corporation
Category Capacitors

Ceramic Capacitors

**Description** CAP CER 0.068UF 25V X8R 0603

**Package** 0603 (1608 Metric)

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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## **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.









# 06033F683K4T2A Specifications

Manufacturer Part Number         06033F683K4T2A           Manufacturer         AVX Corporation           Category         Capacitors           Package         0603 (1608 Metric)           Series         -           Capacitance         0.068µF           Tolerance         ±10%           Voltage - Rated         25V           Temperature Coefficient         X8R           Operating Temperature         -55°C ~ 150°C           Features         -           Applications         AEC-Q200           Applications         Automotive           Failure Rate         -           Mounting Type         Surface Mount, MLCC           Package / Case         0603 (1608 Metric)           Size / Dimension         0.063" L x 0.032" W (1.60mm x 0.81mm)           Height - Seated (Max)         -           Thickness (Max)         0.035" (0.90mm)           Lead Spacing         -           Lead Spacing         -           Lead Style         -		
Category         Capacitors           Package         0603 (1608 Metric)           Series         -           Capacitance         0.068µF           Tolerance         ±10%           Voltage - Rated         25V           Temperature Coefficient         X8R           Operating Temperature         -55°C ~ 150°C           Features         -           Ratings         AEC-Q200           Applications         Automotive           Failure Rate         -           Mounting Type         Surface Mount, MLCC           Package / Case         0603 (1608 Metric)           Size / Dimension         0.063" L x 0.032" W (1.60mm x 0.81mm)           Height - Seated (Max)         -           Thickness (Max)         0.035" (0.90mm)           Lead Spacing         -           Lead Style         -	Manufacturer Part Number	06033F683K4T2A
Package         O603 (1608 Metric)           Series         -           Capacitance         0.068μF           Tolerance         ±10%           Voltage - Rated         25V           Temperature Coefficient         X8R           Operating Temperature         -55°C ~ 150°C           Features         -           Ratings         AEC-Q200           Applications         Automotive           Failure Rate         -           Mounting Type         Surface Mount, MLCC           Package / Case         0603 (1608 Metric)           Size / Dimension         0.063" L x 0.032" W (1.60mm x 0.81mm)           Height - Seated (Max)         -           Thickness (Max)         0.035" (0.90mm)           Lead Spacing         -           Lead Style         -	Manufacturer	AVX Corporation
Package         0603 (1608 Metric)           Series         -           Capacitance         0.068μF           Tolerance         ±10%           Voltage - Rated         25V           Temperature Coefficient         X8R           Operating Temperature         -55°C ~ 150°C           Features         -           Ratings         AEC-Q200           Applications         Automotive           Failure Rate         -           Mounting Type         Surface Mount, MLCC           Package / Case         0603 (1608 Metric)           Size / Dimension         0.063" L x 0.032" W (1.60mm x 0.81mm)           Height - Seated (Max)         -           Thickness (Max)         0.035" (0.90mm)           Lead Spacing         -           Lead Style         -	Category	Capacitors
Series         -           Capacitance         0.068μF           Tolerance         ±10%           Voltage - Rated         25 V           Temperature Coefficient         X8R           Operating Temperature         -55°C ~ 150°C           Features         -           Ratings         AEC-Q200           Applications         Automotive           Failure Rate         -           Mounting Type         Surface Mount, MLCC           Package / Case         0603 (1608 Metric)           Size / Dimension         0.063" L x 0.032" W (1.60mm x 0.81mm)           Height - Seated (Max)         -           Thickness (Max)         0.035" (0.90mm)           Lead Spacing         -           Lead Style         -		Ceramic Capacitors
Capacitance         0.068μF           Tolerance         ±10%           Voltage - Rated         25 V           Temperature Coefficient         X8R           Operating Temperature         -55°C ~ 150°C           Features         -           Ratings         AEC-Q200           Applications         Automotive           Failure Rate         -           Mounting Type         Surface Mount, MLCC           Package / Case         0603 (1608 Metric)           Size / Dimension         0.063" L x 0.032" W (1.60mm x 0.81mm)           Height - Seated (Max)         -           Thickness (Max)         0.035" (0.90mm)           Lead Spacing         -           Lead Style         -	Package	0603 (1608 Metric)
Tolerance         ±10%           Voltage - Rated         25V           Temperature Coefficient         X8R           Operating Temperature         -55°C ~ 150°C           Features         -           Ratings         AEC-Q200           Applications         Automotive           Failure Rate         -           Mounting Type         Surface Mount, MLCC           Package / Case         0603 (1608 Metric)           Size / Dimension         0.063" L x 0.032" W (1.60mm x 0.81mm)           Height - Seated (Max)         -           Thickness (Max)         0.035" (0.90mm)           Lead Spacing         -           Lead Style         -	Series	-
Voltage - Rated25 VTemperature CoefficientX8ROperating Temperature-55°C ~ 150°CFeatures-RatingsAEC-Q200ApplicationsAutomotiveFailure Rate-Mounting TypeSurface Mount, MLCCPackage / Case0603 (1608 Metric)Size / Dimension0.063" L x 0.032" W (1.60mm x 0.81mm)Height - Seated (Max)-Thickness (Max)0.035" (0.90mm)Lead Spacing-Lead Style-	Capacitance	0.068μF
Temperature Coefficient  Operating Temperature  -55°C ~ 150°C  Features  - Ratings  AEC-Q200  Applications  Failure Rate  - Mounting Type  Surface Mount, MLCC  Package / Case  0603 (1608 Metric)  Size / Dimension  Height - Seated (Max)  Thickness (Max)  Lead Spacing  Lead Style  X8R   A8R  -50°C ~ 150°C  - 050°C  - 0600 (150°C  - 0600 (150°C  - 0600 (150°C  - 0600 (160°C  - 0600	Tolerance	±10%
Operating Temperature-55°C ~ 150°CFeatures-RatingsAEC-Q200ApplicationsAutomotiveFailure Rate-Mounting TypeSurface Mount, MLCCPackage / Case0603 (1608 Metric)Size / Dimension0.063" L x 0.032" W (1.60mm x 0.81mm)Height - Seated (Max)-Thickness (Max)0.035" (0.90mm)Lead Spacing-Lead Style-	Voltage - Rated	25V
Features - Ratings AEC-Q200 Applications Automotive Failure Rate - Mounting Type Surface Mount, MLCC Package / Case 0603 (1608 Metric) Size / Dimension 0.063" L x 0.032" W (1.60mm x 0.81mm) Height - Seated (Max) - Thickness (Max) 0.035" (0.90mm) Lead Spacing - Lead Style -	Temperature Coefficient	X8R
Ratings AEC-Q200 Applications Automotive Failure Rate - Mounting Type Surface Mount, MLCC Package / Case 0603 (1608 Metric) Size / Dimension 0.063" L x 0.032" W (1.60mm x 0.81mm) Height - Seated (Max) - Thickness (Max) 0.035" (0.90mm) Lead Spacing - Lead Style -	Operating Temperature	-55°C ~ 150°C
Applications Automotive  Failure Rate - Mounting Type Surface Mount, MLCC  Package / Case 0603 (1608 Metric) Size / Dimension 0.063" L x 0.032" W (1.60mm x 0.81mm)  Height - Seated (Max) - Thickness (Max) 0.035" (0.90mm)  Lead Spacing - Lead Style -	Features	-
Failure Rate         -           Mounting Type         Surface Mount, MLCC           Package / Case         0603 (1608 Metric)           Size / Dimension         0.063" L x 0.032" W (1.60mm x 0.81mm)           Height - Seated (Max)         -           Thickness (Max)         0.035" (0.90mm)           Lead Spacing         -           Lead Style         -	Ratings	AEC-Q200
Mounting Type         Surface Mount, MLCC           Package / Case         0603 (1608 Metric)           Size / Dimension         0.063" L x 0.032" W (1.60mm x 0.81mm)           Height - Seated (Max)         -           Thickness (Max)         0.035" (0.90mm)           Lead Spacing         -           Lead Style         -	Applications	Automotive
Package / Case       0603 (1608 Metric)         Size / Dimension       0.063" L x 0.032" W (1.60mm x 0.81mm)         Height - Seated (Max)       -         Thickness (Max)       0.035" (0.90mm)         Lead Spacing       -         Lead Style       -	Failure Rate	-
Size / Dimension       0.063" L x 0.032" W (1.60mm x 0.81mm)         Height - Seated (Max)       -         Thickness (Max)       0.035" (0.90mm)         Lead Spacing       -         Lead Style       -	Mounting Type	Surface Mount, MLCC
Height - Seated (Max)  Thickness (Max)  Lead Spacing  Lead Style  -	Package / Case	0603 (1608 Metric)
Thickness (Max) 0.035" (0.90mm)  Lead Spacing -  Lead Style -	Size / Dimension	0.063" L x 0.032" W (1.60mm x 0.81mm)
Lead Spacing - Lead Style -	Height - Seated (Max)	-
Lead Style -	Thickness (Max)	0.035" (0.90mm)
·	Lead Spacing	-
Report errors?	Lead Style	-
		Report errors?

#### 06033F683K4T2A 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 Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

### 06033F683K4T2A Payment Methods





















# 06033F683K4T2A Shipping Methods













If you have any question about 06033F683K4T2A, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com