

## C0603S103K5RACTU

### C0603S103K5RACTU Information



For Reference Only

Part Number C0603S103K5RACTU

Manufacturer KEMET Category Capacitors

Ceramic Capacitors

**Description** CAP CER 10000PF 50V X7R 0603

Package 0603 (1608 Metric)

For the pricing/inventory/lead time, please contact

us

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



Request a Quote

# **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.









### C0603S103K5RACTU Specifications

Manufacturer Part Number         C0603S103K5RACTU           Manufacturer         KEMET           Category         Capacitors           Package         0603 (1608 Metric)           Series         FE-CAP           Capacitance         10000pF           Tolerance         ±10%           Voltage - Rated         50V           Temperature Coefficient         X7R           Operating Temperature         -55°C ~ 125°C           Features         Floating Electrode, Soft Termination           Ratings         -           Applications         Boardflex Sensitive           Failure Rate         -           Mounting Type         Surface Mount, MLCC           Package / Case         0603 (1608 Metric)           Size / Dimension         0.003" L x 0.031" W (1.60mm x 0.80mm)           Height - Seated (Max)         -           Thickness (Max)         0.034" (0.87mm)           Lead Spacing         -           Lead Style         -		
Category         Capacitors           Package         0603 (1608 Metric)           Series         FE-CAP           Capacitance         10000pF           Tolerance         ±10%           Voltage - Rated         50V           Temperature Coefficient         X7R           Operating Temperature         -55°C ~ 125°C           Features         Floating Electrode, Soft Termination           Ratings         -           Applications         Boardflex Sensitive           Failure Rate         -           Mounting Type         Surface Mount, MLCC           Package / Case         0603 (1608 Metric)           Size / Dimension         0.063" L x 0.031" W (1.60mm x 0.80mm)           Height - Seated (Max)         -           Thickness (Max)         0.034" (0.87mm)           Lead Spacing         -           Lead Style         -	Manufacturer Part Number	C0603S103K5RACTU
Package         0603 (1608 Metric)           Series         FE-CAP           Capacitance         10000pF           Tolerance         ±10%           Voltage - Rated         50V           Temperature Coefficient         X7R           Operating Temperature         -55°C ~ 125°C           Features         Floating Electrode, Soft Termination           Ratings         -           Applications         Boardflex Sensitive           Failure Rate         -           Mounting Type         Surface Mount, MLCC           Package / Case         0603 (1608 Metric)           Size / Dimension         0.063" L x 0.031" W (1.60mm x 0.80mm)           Height - Seated (Max)         -           Thickness (Max)         0.034" (0.87mm)           Lead Spacing         -           Lead Style         -	Manufacturer	KEMET
Package         0603 (1608 Metric)           Series         FE-CAP           Capacitance         10000pF           Tolerance         ±10%           Voltage - Rated         50V           Temperature Coefficient         X7R           Operating Temperature         -55°C ~ 125°C           Features         Floating Electrode, Soft Termination           Ratings         -           Applications         Boardflex Sensitive           Failure Rate         -           Mounting Type         Surface Mount, MLCC           Package / Case         0603 (1608 Metric)           Size / Dimension         0.063" L x 0.031" W (1.60mm x 0.80mm)           Height - Seated (Max)         -           Thickness (Max)         0.034" (0.87mm)           Lead Spacing         -           Lead Style         -	Category	Capacitors
Series         FE-CAP           Capacitance         10000pF           Tolerance         ±10%           Voltage - Rated         50V           Temperature Coefficient         X7R           Operating Temperature         -55°C ~ 125°C           Features         Floating Electrode, Soft Termination           Ratings         -           Applications         Boardflex Sensitive           Failure Rate         -           Mounting Type         Surface Mount, MLCC           Package / Case         0603 (1608 Metric)           Size / Dimension         0.063" L x 0.031" W (1.60mm x 0.80mm)           Height - Seated (Max)         -           Thickness (Max)         0.034" (0.87mm)           Lead Spacing         -           Lead Style         -		Ceramic Capacitors
Capacitance         10000pF           Tolerance         ±10%           Voltage - Rated         50V           Temperature Coefficient         X7R           Operating Temperature         -55°C ~ 125°C           Features         Floating Electrode, Soft Termination           Ratings         -           Applications         Boardflex Sensitive           Failure Rate         -           Mounting Type         Surface Mount, MLCC           Package / Case         0603 (1608 Metric)           Size / Dimension         0.063" L x 0.031" W (1.60mm x 0.80mm)           Height - Seated (Max)         -           Thickness (Max)         0.034" (0.87mm)           Lead Spacing         -           Lead Style         -	Package	0603 (1608 Metric)
Tolerance ±10%  Voltage - Rated 50V  Temperature Coefficient X7R  Operating Temperature -55°C ~ 125°C  Features Floating Electrode, Soft Termination  Ratings -	Series	FE-CAP
Voltage - Rated50VTemperature CoefficientX7ROperating Temperature-55°C ~ 125°CFeaturesFloating Electrode, Soft TerminationRatings-ApplicationsBoardflex SensitiveFailure Rate-Mounting TypeSurface Mount, MLCCPackage / Case0603 (1608 Metric)Size / Dimension0.063" L x 0.031" W (1.60mm x 0.80mm)Height - Seated (Max)-Thickness (Max)0.034" (0.87mm)Lead Spacing-Lead Style-	Capacitance	10000pF
Temperature Coefficient  Operating Temperature  -55°C ~ 125°C  Features  Floating Electrode, Soft Termination  Ratings  - Applications  Boardflex Sensitive  Failure Rate  - Mounting Type  Surface Mount, MLCC  Package / Case  0603 (1608 Metric)  Size / Dimension  Height - Seated (Max)  Thickness (Max)  Lead Spacing  Lead Style  X7R  A7R  A7R  A7R  A7R  - Boardflex Sensitive  - Boardflex S	Tolerance	±10%
Operating Temperature-55°C ~ 125°CFeaturesFloating Electrode, Soft TerminationRatings-ApplicationsBoardflex SensitiveFailure Rate-Mounting TypeSurface Mount, MLCCPackage / Case0603 (1608 Metric)Size / Dimension0.063" L x 0.031" W (1.60mm x 0.80mm)Height - Seated (Max)-Thickness (Max)0.034" (0.87mm)Lead Spacing-Lead Style-	Voltage - Rated	50V
Features Ratings - Applications Boardflex Sensitive Failure Rate - Mounting Type Surface Mount, MLCC Package / Case 0603 (1608 Metric) Size / Dimension Height - Seated (Max) - Thickness (Max) Lead Spacing Lead Style Floating Electrode, Soft Termination  Boardflex Sensitive  Boardflex Sensitive  -  0.063" L x 0.031" W (1.60mm x 0.80mm)  - Lead Style - Lead Style	Temperature Coefficient	X7R
Ratings - Boardflex Sensitive Failure Rate - Mounting Type Surface Mount, MLCC Package / Case 0603 (1608 Metric) Size / Dimension 0.063" L x 0.031" W (1.60mm x 0.80mm) Height - Seated (Max) - Thickness (Max) 0.034" (0.87mm) Lead Spacing - Lead Style -	Operating Temperature	-55°C ~ 125°C
Applications Boardflex Sensitive Failure Rate - Mounting Type Surface Mount, MLCC Package / Case 0603 (1608 Metric) Size / Dimension 0.063" L x 0.031" W (1.60mm x 0.80mm) Height - Seated (Max) - Thickness (Max) 0.034" (0.87mm) Lead Spacing - Lead Style -	Features	Floating Electrode, Soft Termination
Failure Rate - Mounting Type Surface Mount, MLCC Package / Case 0603 (1608 Metric) Size / Dimension 0.063" L x 0.031" W (1.60mm x 0.80mm) Height - Seated (Max) - Thickness (Max) 0.034" (0.87mm) Lead Spacing - Lead Style -	Ratings	-
Mounting Type Surface Mount, MLCC Package / Case 0603 (1608 Metric) Size / Dimension 0.063" L x 0.031" W (1.60mm x 0.80mm) Height - Seated (Max) - Thickness (Max) 0.034" (0.87mm) Lead Spacing - Lead Style -	Applications	Boardflex Sensitive
Package / Case       0603 (1608 Metric)         Size / Dimension       0.063" L x 0.031" W (1.60mm x 0.80mm)         Height - Seated (Max)       -         Thickness (Max)       0.034" (0.87mm)         Lead Spacing       -         Lead Style       -	Failure Rate	-
Size / Dimension       0.063" L x 0.031" W (1.60mm x 0.80mm)         Height - Seated (Max)       -         Thickness (Max)       0.034" (0.87mm)         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) 0.034" (0.87mm)  Lead Spacing -  Lead Style -	Size / Dimension	0.063" L x 0.031" W (1.60mm x 0.80mm)
Lead Spacing - Lead Style -	Height - Seated (Max)	-
Lead Style -	Thickness (Max)	0.034" (0.87mm)
	Lead Spacing	-
Report errors?	Lead Style	-
Report crists:		Report errors?

#### C0603S103K5RACTU 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.

### C0603S103K5RACTU Payment Methods



















### C0603S103K5RACTU Shipping Methods













If you have any question about C0603S103K5RACTU, please do not hesitate to contact us!

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