



### 0603Y0250681GCR Information



For Reference Only

Part Number 0603Y0250681GCR
Manufacturer Knowles Syfer
Category Capacitors

Ceramic Capacitors

**Description** CAP CER 680PF 25V C0G/NP0 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.









# 0603Y0250681GCR Specifications

Manufacturer Part Number         0603Y0250681GCR           Manufacturer         Knowles Syfer           Category         Capacitors           Package         0603 (1608 Metric)           Series         FlexiCap?           Capacitance         680pF           Tolerance         ±2%           Voltage - Rated         25V           Temperature Coefficient         C0G, NPO           Operating Temperature         -55°C ~ 125°C           Features         Soft Termination, High Temperature           Ratings         -           Applications         High Reliability, 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)         0.031" (0.80mm)           Lead Spacing         -           Lead Spacing         -           Lead Style         -		
Category         Capacitors           Package         0603 (1608 Metric)           Series         FlexiCap?           Capacitance         680pF           Tolerance         ±2%           Voltage - Rated         25V           Temperature Coefficient         C0G, NPO           Operating Temperature         -55°C ~ 125°C           Features         Soft Termination, High Temperature           Ratings         -           Applications         High Reliability, 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)         0.031" (0.80mm)           Lead Spacing         -           Lead Style         -	Manufacturer Part Number	0603Y0250681GCR
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Capacitance 680pF  Tolerance ±2%  Voltage - Rated 25V  Temperature Coefficient COG, NPO Operating Temperature -55°C ~ 125°C  Features Soft Termination, High Temperature Ratings - Applications High Reliability, 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) 0.031" (0.80mm)  Lead Spacing - Lead Style -	Package	0603 (1608 Metric)
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Voltage - Rated25VTemperature CoefficientC0G, NP0Operating Temperature-55°C ~ 125°CFeaturesSoft Termination, High TemperatureRatings-ApplicationsHigh Reliability, Boardflex 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)0.031" (0.80mm)Lead Spacing-Lead Style-	Capacitance	680pF
Temperature Coefficient  Operating Temperature  -55°C ~ 125°C  Features  Soft Termination, High Temperature  Ratings  - Applications  High Reliability, 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)  0.031" (0.80mm)  Lead Spacing  - Lead Style	Tolerance	±2%
Operating Temperature-55°C ~ 125°CFeaturesSoft Termination, High TemperatureRatings-ApplicationsHigh Reliability, Boardflex 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)0.031" (0.80mm)Lead Spacing-Lead Style-	Voltage - Rated	25V
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Ratings - High Reliability, 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) 0.031" (0.80mm) Lead Spacing - Lead Style	Operating Temperature	-55°C ~ 125°C
Applications High Reliability, 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) 0.031" (0.80mm)  Lead Spacing -  Lead Style -	Features	Soft Termination, High Temperature
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)         0.031" (0.80mm)           Lead Spacing         -           Lead Style         -	Ratings	-
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Package / Case       0603 (1608 Metric)         Size / Dimension       0.063" L x 0.031" W (1.60mm x 0.80mm)         Height - Seated (Max)       -         Thickness (Max)       0.031" (0.80mm)         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)       0.031" (0.80mm)         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) 0.031" (0.80mm)  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)	0.031" (0.80mm)
	Lead Spacing	-
Report errors?	Lead Style	-
		Report errors?

#### 0603Y0250681GCR 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.

# 0603Y0250681GCR Payment Methods



















### 0603Y0250681GCR Shipping Methods













If you have any question about 0603Y0250681GCR, please do not hesitate to contact us!

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