



### 0603J0160181GFR Information

Heisener.com

Part Number0603J0160181GFRManufacturerKnowles SyferCategoryCapacitors

**Ceramic Capacitors** 

**Description** CAP CER 180PF 16V C0G/NP0 0603

**Package** 0603 (1608 Metric)

For the pricing/inventory/lead time, please contact

us

For Reference Only

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.









# 0603J0160181GFR Specifications

Manufacturer Part Number         0603J0160181GFR           Manufacturer         Knowles Syfer           Category         Capacitors           Package         0603 (1608 Metric)           Series         -           Capacitance         180pF           Tolerance         ±2%           Voltage - Rated         16V           Temperature Coefficient         C0G, NPO           Operating Temperature         -55°C ~ 125°C           Features         High Temperature           Ratings         -           Applications         High Reliability           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         -           Capacitance         180pF           Tolerance         ±2%           Voltage - Rated         16V           Temperature Coefficient         C0G, NP0           Operating Temperature         -55°C ~ 125°C           Features         High Temperature           Ratings         -           Applications         High Reliability           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	0603J0160181GFR
Package         0603 (1608 Metric)           Series         -           Capacitance         180pF           Tolerance         ±2%           Voltage - Rated         16V           Temperature Coefficient         C0G, NP0           Operating Temperature         -55°C ~ 125°C           Features         High Temperature           Ratings         -           Applications         High Reliability           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	Knowles Syfer
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Series         -           Capacitance         180pF           Tolerance         ±2%           Voltage - Rated         16V           Temperature Coefficient         C0G, NP0           Operating Temperature         -55°C ~ 125°C           Features         High Temperature           Ratings         -           Applications         High Reliability           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         -		Ceramic Capacitors
Capacitance         180pF           Tolerance         ±2%           Voltage - Rated         16V           Temperature Coefficient         C0G, NP0           Operating Temperature         -55°C ~ 125°C           Features         High Temperature           Ratings         -           Applications         High Reliability           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)
Tolerance         ±2%           Voltage - Rated         16V           Temperature Coefficient         C0G, NP0           Operating Temperature         -55°C ~ 125°C           Features         High Temperature           Ratings         -           Applications         High Reliability           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         -	Series	-
Voltage - Rated  Temperature Coefficient  COG, NPO  Operating Temperature  -55°C ~ 125°C  Features  High Temperature  Ratings  - Applications  High Reliability  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	Capacitance	180pF
Temperature CoefficientCOG, NPOOperating Temperature-55°C ~ 125°CFeaturesHigh TemperatureRatings-ApplicationsHigh ReliabilityFailure 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-	Tolerance	±2%
Operating Temperature-55°C ~ 125°CFeaturesHigh TemperatureRatings-ApplicationsHigh ReliabilityFailure 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	16V
Features High Temperature  Ratings	Temperature Coefficient	C0G, NP0
Ratings - Applications High Reliability 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 - Output Description	Operating Temperature	-55°C ~ 125°C
Applications High Reliability 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	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	-
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 -	Applications	High Reliability
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?

#### 0603J0160181GFR 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.

## 0603J0160181GFR Payment Methods





















## 0603J0160181GFR Shipping Methods













If you have any question about 0603J0160181GFR, please do not hesitate to contact us!

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