



#### 1808Y0160820GFR Information

Heisener.com

Part Number 1808Y0160820GFR
Manufacturer Knowles Syfer

Category Capacitors
Ceramic Capacitors

**Description** CAP CER 82PF 16V C0G/NP0 1808

**Package** 1808 (4520 Metric)

For the pricing/inventory/lead time, please contact

us

For Reference Only

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





## **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.









## 1808Y0160820GFR Specifications

Manufacturer Part Number         1808Y0160820GFR           Manufacturer         Knowles Syfer           Category         Capacitors           Package         1808 (4520 Metric)           Series         FlexiCap?           Capacitance         82pF           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         1808 (4520 Metric)           Size / Dimension         0.177" L x 0.079" W (4.50mm x 2.00mm)           Height - Seated (Max)         -           Thickness (Max)         0.079" (2.00mm)           Lead Spacing         -           Lead Style         -		
Category         Capacitors           Package         1808 (4520 Metric)           Series         FlexiCap?           Capacitance         82pF           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         1808 (4520 Metric)           Size / Dimension         0.177" L x 0.079" W (4.50mm x 2.00mm)           Height - Seated (Max)         -           Thickness (Max)         0.079" (2.00mm)           Lead Spacing         -           Lead Style         -	Manufacturer Part Number	1808Y0160820GFR
Package         1808 (4520 Metric)           Series         FlexiCap?           Capacitance         82pF           Tolerance         ±2%           Voltage - Rated         16V           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         1808 (4520 Metric)           Size / Dimension         0.177" L x 0.079" W (4.50mm x 2.00mm)           Height - Seated (Max)         -           Thickness (Max)         0.079" (2.00mm)           Lead Spacing         -           Lead Style         -	Manufacturer	Knowles Syfer
Package         1808 (4520 Metric)           Series         FlexiCap?           Capacitance         82pF           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         1808 (4520 Metric)           Size / Dimension         0.177" L x 0.079" W (4.50mm x 2.00mm)           Height - Seated (Max)         -           Thickness (Max)         0.079" (2.00mm)           Lead Spacing         -           Lead Style         -	Category	Capacitors
Series         FlexiCap?           Capacitance         82pF           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         1808 (4520 Metric)           Size / Dimension         0.177" L x 0.079" W (4.50mm x 2.00mm)           Height - Seated (Max)         -           Thickness (Max)         0.079" (2.00mm)           Lead Spacing         -           Lead Style         -		Ceramic Capacitors
Capacitance         82pF           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         1808 (4520 Metric)           Size / Dimension         0.177" L x 0.079" W (4.50mm x 2.00mm)           Height - Seated (Max)         -           Thickness (Max)         0.079" (2.00mm)           Lead Spacing         -           Lead Style         -	Package	1808 (4520 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 1808 (4520 Metric)  Size / Dimension 0.177" L x 0.079" W (4.50mm x 2.00mm)  Height - Seated (Max) -  Thickness (Max) 0.079" (2.00mm)  Lead Spacing -  Lead Style -	Series	FlexiCap?
Voltage - Rated16VTemperature CoefficientC0G, NP0Operating Temperature-55°C ~ 125°CFeaturesHigh TemperatureRatings-ApplicationsHigh ReliabilityFailure Rate-Mounting TypeSurface Mount, MLCCPackage / Case1808 (4520 Metric)Size / Dimension0.177" L x 0.079" W (4.50mm x 2.00mm)Height - Seated (Max)-Thickness (Max)0.079" (2.00mm)Lead Spacing-Lead Style-	Capacitance	82pF
Temperature Coefficient Operating Temperature -55°C ~ 125°C Features High Temperature Ratings - Applications High Reliability Failure Rate - Mounting Type Surface Mount, MLCC Package / Case 1808 (4520 Metric) Size / Dimension 0.177" L x 0.079" W (4.50mm x 2.00mm) Height - Seated (Max) Thickness (Max) 0.079" (2.00mm) Lead Spacing Lead Style -	Tolerance	±2%
Operating Temperature-55°C ~ 125°CFeaturesHigh TemperatureRatings-ApplicationsHigh ReliabilityFailure Rate-Mounting TypeSurface Mount, MLCCPackage / Case1808 (4520 Metric)Size / Dimension0.177" L x 0.079" W (4.50mm x 2.00mm)Height - Seated (Max)-Thickness (Max)0.079" (2.00mm)Lead Spacing-Lead Style-	Voltage - Rated	16V
Features High Temperature  Ratings - Applications High Reliability  Failure Rate - Mounting Type Surface Mount, MLCC  Package / Case 1808 (4520 Metric)  Size / Dimension 0.177" L x 0.079" W (4.50mm x 2.00mm)  Height - Seated (Max) - Thickness (Max) 0.079" (2.00mm)  Lead Spacing - Lead Style -	Temperature Coefficient	C0G, NP0
Ratings - High Reliability Failure Rate - Mounting Type Surface Mount, MLCC Package / Case 1808 (4520 Metric) Size / Dimension 0.177" L x 0.079" W (4.50mm x 2.00mm) Height - Seated (Max) - Thickness (Max) 0.079" (2.00mm) Lead Spacing - Lead Style	Operating Temperature	-55°C ~ 125°C
Applications High Reliability Failure Rate - Mounting Type Surface Mount, MLCC Package / Case 1808 (4520 Metric) Size / Dimension 0.177" L x 0.079" W (4.50mm x 2.00mm) Height - Seated (Max) - Thickness (Max) 0.079" (2.00mm) Lead Spacing - Lead Style -	Features	High Temperature
Failure Rate - Mounting Type Surface Mount, MLCC Package / Case 1808 (4520 Metric) Size / Dimension 0.177" L x 0.079" W (4.50mm x 2.00mm) Height - Seated (Max) - Thickness (Max) 0.079" (2.00mm) Lead Spacing - Lead Style -	Ratings	-
Mounting Type Surface Mount, MLCC Package / Case 1808 (4520 Metric) Size / Dimension 0.177" L x 0.079" W (4.50mm x 2.00mm) Height - Seated (Max) - Thickness (Max) 0.079" (2.00mm) Lead Spacing - Lead Style -	Applications	High Reliability
Package / Case       1808 (4520 Metric)         Size / Dimension       0.177" L x 0.079" W (4.50mm x 2.00mm)         Height - Seated (Max)       -         Thickness (Max)       0.079" (2.00mm)         Lead Spacing       -         Lead Style       -	Failure Rate	-
Size / Dimension       0.177" L x 0.079" W (4.50mm x 2.00mm)         Height - Seated (Max)       -         Thickness (Max)       0.079" (2.00mm)         Lead Spacing       -         Lead Style       -	Mounting Type	Surface Mount, MLCC
Height - Seated (Max)  Thickness (Max)  Lead Spacing  Lead Style  -  -  -  -  -  -  -  -  -  -  -  -  -	Package / Case	1808 (4520 Metric)
Thickness (Max) 0.079" (2.00mm)  Lead Spacing -  Lead Style -	Size / Dimension	0.177" L x 0.079" W (4.50mm x 2.00mm)
Lead Spacing - Lead Style -	Height - Seated (Max)	-
Lead Style -	Thickness (Max)	0.079" (2.00mm)
·	Lead Spacing	-
Report errors?	Lead Style	-
		Report errors?

#### 1808Y0160820GFR 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.

# 1808Y0160820GFR Payment Methods



















### 1808Y0160820GFR Shipping Methods













If you have any question about 1808Y0160820GFR, please do not hesitate to contact us!

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