



#### 1812Y5000682FCT Information

Heisener.com

Part Number 1812Y5000682FCT

Manufacturer Knowles Syfer

Category Capacitors
Ceramic Capacitors

**Description** CAP CER 6800PF 500V C0G/NP0 1812

Package 1812 (4532 Metric)

For the pricing/inventory/lead time, please contact

us

For Reference Only

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.









# 1812Y5000682FCT Specifications

| Manufacturer Part Number         1812Y5000682FCT           Manufacturer         Knowles Syfer           Category         Capacitors           Package         1812 (4532 Metric)           Series         FlexiCap?           Capacitance         6800pF           Tolerance         ±1%           Voltage - Rated         500V           Temperature Coefficient         C0G, NP0           Operating Temperature         -55°C ~ 125°C           Features         Soft Termination           Ratings         -           Applications         Boardflex Sensitive           Failure Rate         -           Mounting Type         Surface Mount, MLCC           Package / Case         1812 (4532 Metric)           Size / Dimension         0.177" L x 0.126" W (4.50mm x 3.20mm)           Height - Seated (Max)         -           Thickness (Max)         0.098" (2.50mm)           Lead Spacing         -           Lead Style         -           Report errors? |                          |                                       |
|--|--------------------------|---------------------------------------|
| Category         Capacitors           Package         1812 (4532 Metric)           Series         FlexiCap?           Capacitance         6800pF           Tolerance         ±1%           Voltage - Rated         500V           Temperature Coefficient         C0G, NPO           Operating Temperature         -55°C ~ 125°C           Features         Soft Termination           Ratings         -           Applications         Boardflex Sensitive           Failure Rate         -           Mounting Type         Surface Mount, MLCC           Package / Case         1812 (4532 Metric)           Size / Dimension         0.177" L x 0.126" W (4.50mm x 3.20mm)           Height - Seated (Max)         -           Thickness (Max)         0.098" (2.50mm)           Lead Spacing         -           Lead Style         -  | Manufacturer Part Number | 1812Y5000682FCT                       |
| Package         1812 (4532 Metric)           Series         FlexiCap?           Capacitance         6800pF           Tolerance         ±1%           Voltage - Rated         500V           Temperature Coefficient         C0G, NP0           Operating Temperature         -55°C ~ 125°C           Features         Soft Termination           Ratings         -           Applications         Boardflex Sensitive           Failure Rate         -           Mounting Type         Surface Mount, MLCC           Package / Case         1812 (4532 Metric)           Size / Dimension         0.177" L x 0.126" W (4.50mm x 3.20mm)           Height - Seated (Max)         -           Thickness (Max)         0.098" (2.50mm)           Lead Spacing         -           Lead Style         -  | Manufacturer             | Knowles Syfer                         |
| Package         1812 (4532 Metric)           Series         FlexiCap?           Capacitance         6800pF           Tolerance         ±1%           Voltage - Rated         500V           Temperature Coefficient         C0G, NP0           Operating Temperature         -55°C ~ 125°C           Features         Soft Termination           Ratings         -           Applications         Boardflex Sensitive           Failure Rate         -           Mounting Type         Surface Mount, MLCC           Package / Case         1812 (4532 Metric)           Size / Dimension         0.177" L x 0.126" W (4.50mm x 3.20mm)           Height - Seated (Max)         -           Thickness (Max)         0.098" (2.50mm)           Lead Spacing         -           Lead Style         -  | Category                 | Capacitors                            |
| Series         FlexiCap?           Capacitance         6800pF           Tolerance         ±1%           Voltage - Rated         500V           Temperature Coefficient         C0G, NP0           Operating Temperature         -55°C ~ 125°C           Features         Soft Termination           Ratings         -           Applications         Boardflex Sensitive           Failure Rate         -           Mounting Type         Surface Mount, MLCC           Package / Case         1812 (4532 Metric)           Size / Dimension         0.177" L x 0.126" W (4.50mm x 3.20mm)           Height - Seated (Max)         -           Thickness (Max)         0.098" (2.50mm)           Lead Spacing         -           Lead Style         -   |                          | Ceramic Capacitors                    |
| Capacitance         6800pF           Tolerance         ±1%           Voltage - Rated         500V           Temperature Coefficient         COG, NPO           Operating Temperature         -55°C ~ 125°C           Features         Soft Termination           Ratings         -           Applications         Boardflex Sensitive           Failure Rate         -           Mounting Type         Surface Mount, MLCC           Package / Case         1812 (4532 Metric)           Size / Dimension         0.177" L x 0.126" W (4.50mm x 3.20mm)           Height - Seated (Max)         -           Thickness (Max)         0.098" (2.50mm)           Lead Spacing         -           Lead Style         -  | Package                  | 1812 (4532 Metric)                    |
| Tolerance         ±1%           Voltage - Rated         500V           Temperature Coefficient         C0G, NP0           Operating Temperature         -55°C ~ 125°C           Features         Soft Termination           Ratings         -           Applications         Boardflex Sensitive           Failure Rate         -           Mounting Type         Surface Mount, MLCC           Package / Case         1812 (4532 Metric)           Size / Dimension         0.177" L x 0.126" W (4.50mm x 3.20mm)           Height - Seated (Max)         -           Thickness (Max)         0.098" (2.50mm)           Lead Spacing         -           Lead Style         -   | Series                   | FlexiCap?                             |
| Voltage - Rated  500V  Temperature Coefficient  C0G, NP0  Operating Temperature  -55°C ~ 125°C  Features  Soft Termination  Ratings  - Applications  Boardflex Sensitive  Failure Rate  - Mounting Type  Surface Mount, MLCC  Package / Case  1812 (4532 Metric)  Size / Dimension  0.177" L x 0.126" W (4.50mm x 3.20mm)  Height - Seated (Max)  - Thickness (Max)  0.098" (2.50mm)  Lead Spacing  - Lead Style   | Capacitance              | 6800pF                                |
| Temperature Coefficient  Operating Temperature  -55°C ~ 125°C  Features  Soft Termination  Ratings  - Applications  Boardflex Sensitive  Failure Rate  - Mounting Type  Surface Mount, MLCC  Package / Case  1812 (4532 Metric)  Size / Dimension  0.177" L x 0.126" W (4.50mm x 3.20mm)  Height - Seated (Max)  Thickness (Max)  0.098" (2.50mm)  Lead Spacing  - Lead Style  | Tolerance                | ±1%                                   |
| Operating Temperature-55°C ~ 125°CFeaturesSoft TerminationRatings-ApplicationsBoardflex SensitiveFailure Rate-Mounting TypeSurface Mount, MLCCPackage / Case1812 (4532 Metric)Size / Dimension0.177" L x 0.126" W (4.50mm x 3.20mm)Height - Seated (Max)-Thickness (Max)0.098" (2.50mm)Lead Spacing-Lead Style-  | Voltage - Rated          | 500V                                  |
| Features  Soft Termination  Ratings  - Applications  Boardflex Sensitive  Failure Rate  - Mounting Type  Surface Mount, MLCC  Package / Case  1812 (4532 Metric)  Size / Dimension  0.177" L x 0.126" W (4.50mm x 3.20mm)  Height - Seated (Max)  - Thickness (Max)  0.098" (2.50mm)  Lead Spacing  - Lead Style  -  | Temperature Coefficient  | C0G, NP0                              |
| Ratings - Applications Boardflex Sensitive Failure Rate - Mounting Type Surface Mount, MLCC Package / Case 1812 (4532 Metric) Size / Dimension 0.177" L x 0.126" W (4.50mm x 3.20mm) Height - Seated (Max) - Thickness (Max) 0.098" (2.50mm) Lead Spacing - Lead Style   | Operating Temperature    | -55°C ~ 125°C                         |
| Applications  Boardflex Sensitive  Failure Rate  - Mounting Type  Surface Mount, MLCC  Package / Case  1812 (4532 Metric)  Size / Dimension  0.177" L x 0.126" W (4.50mm x 3.20mm)  Height - Seated (Max)  - Thickness (Max)  0.098" (2.50mm)  Lead Spacing  - Lead Style  -   | Features                 | Soft Termination                      |
| Failure Rate - Mounting Type Surface Mount, MLCC Package / Case 1812 (4532 Metric) Size / Dimension 0.177" L x 0.126" W (4.50mm x 3.20mm) Height - Seated (Max) - Thickness (Max) 0.098" (2.50mm) Lead Spacing - Lead Style -  | Ratings                  | -                                     |
| Mounting Type Surface Mount, MLCC Package / Case 1812 (4532 Metric) Size / Dimension 0.177" L x 0.126" W (4.50mm x 3.20mm) Height - Seated (Max) - Thickness (Max) 0.098" (2.50mm) Lead Spacing - Lead Style -   | Applications             | Boardflex Sensitive                   |
| Package / Case       1812 (4532 Metric)         Size / Dimension       0.177" L x 0.126" W (4.50mm x 3.20mm)         Height - Seated (Max)       -         Thickness (Max)       0.098" (2.50mm)         Lead Spacing       -         Lead Style       -   | Failure Rate             | -                                     |
| Size / Dimension       0.177" L x 0.126" W (4.50mm x 3.20mm)         Height - Seated (Max)       -         Thickness (Max)       0.098" (2.50mm)         Lead Spacing       -         Lead Style       -   | Mounting Type            | Surface Mount, MLCC                   |
| Height - Seated (Max)  Thickness (Max)  Lead Spacing  Lead Style  -  -  -  -  -  -  -  -  -  -  -  -  -  | Package / Case           | 1812 (4532 Metric)                    |
| Thickness (Max) 0.098" (2.50mm)  Lead Spacing -  Lead Style -  | Size / Dimension         | 0.177" L x 0.126" W (4.50mm x 3.20mm) |
| Lead Spacing - Lead Style -  | Height - Seated (Max)    | -                                     |
| Lead Style -   | Thickness (Max)          | 0.098" (2.50mm)                       |
| ·  | Lead Spacing             | -                                     |
| Report errors?   | Lead Style               | -                                     |
|  |                          | Report errors?                        |

### 1812Y5000682FCT 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.

## 1812Y5000682FCT Payment Methods





















## 1812Y5000682FCT Shipping Methods













If you have any question about 1812Y5000682FCT, please do not hesitate to contact us!

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