

# 1808Y5000181FCR

### 1808Y5000181FCR Information

| Heisener.com       | <br>1808Y5000181FCR<br>Knowles Syfer<br>Capacitors<br>Ceramic Capacitors<br>CAP CER 180PF 500V C0G/NP0 1808<br>1808 (4520 Metric)<br>For the pricing/inventory/lead time, please contact |                 |
|--------------------|--|-----------------|
| For Reference Only | us<br>Website: https://www.heisener.com<br>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.



# 1808Y5000181FCR Specifications

| ManufacturerKnowles SyferCapacitorsCapacitorsPackage1808 (4520 Metric)SeriesFlexiCapacitonsCapacitance180pFColerance±1%Voltage - Rated500VCoperature CoefficientCOG, NPOOperature SufficientSoft TerminationPackageSoft TerminationRatings-ApplicationsSoft TerminationFailure Rate-ApplicationsSufface Mount, MLCCPackage / Case1808 (4520 Metric)Size / Dimension0.177" L x 0.079" W (4.50mm x 2.00mm)Height - Seated (Max)-Fhickness (Max)0.079" (2.00mm)Lead Spacing-   |                          |                                       |
|---|--------------------------|---------------------------------------|
| CategoryCapacitorsPackage1808 (4520 Metric)Package1808 (4520 Metric)SeriesFlexiCap?Capacitance180pFColerance±1%Voltage - Rated500VDoperating Temperature CoefficientCOG, NP0Operating Temperature55°C ~ 125°CPacturesSont TerminationRatings-ApplicationsBoardflex SensitiveFailure Rate-Package / Case1808 (4520 Metric)Sitz / Dimension0.177" L x 0.079" W (4.50mm x 2.00mm)Height - Seated (Max)-Fhickness (Max)0.079" (2.00mm)Lead Spacing-   | Manufacturer Part Number | 1808Y5000181FCR                       |
| Caranic CapacitorsPackage1808 (4520 Metric)SeriesFlexiCap?Capacitance180pFTolerance±1%Voltage - Rated500VPemperature CoefficientCOG, NP0Operating Temperature-55°C ~ 125°CFeaturesSoft TerminationRatings-ApplicationsBoardflex SensitiveFailure Rate-Package / Case1808 (4520 Metric)Size / Dimension0.177" L x 0.079" W (4.50mm x 2.00mm)Height - Seated (Max)-Lead Spacing-Lead Spacing-   | Manufacturer             | Knowles Syfer                         |
| Package1808 (4520 Metric)SeriesFlexiCap?Capacitance180pFFolerance±1%Voltage - Rated500VPemperature CoefficientCOG, NPOOperating Temperature55°C ~ 125°CFeaturesSoft TerminationRatings-ApplicationsBoardflex SensitiveFailure Rate-Mounting TypeSurface Mount, MLCCPackage / Case1808 (4520 Metric)Size / Dimension0.177" L x 0.079" W (4.50mm x 2.00mm)Height - Seated (Max)-Lead Spacing-Lead Spacing <t< td=""><td>Category</td><td>Capacitors</td></t<> | Category                 | Capacitors                            |
| SeriesFlexiCap?Capacitance180pFColerance±1%Voltage - Rated500VFemperature CoefficientCOG, NPOOperating Temperature-55°C ~ 125°CSoft TerminationSoft TerminationRatings-ApplicationsBoardflex SensitiveFailure Rate-Package / Case1808 (4520 Metric)Size / Dimension0.177" L x 0.079" W (4.50mm x 2.00mm)Height - Seated (Max)-Lead Spacing-Lead Spacing-  |                          | Ceramic Capacitors                    |
| Capacitance180pFFolerance±1%Voltage - Rated500VFemperature CoefficientC0G, NP0Operating Temperature>55°C ~ 125°COperating TemperatureSoft TerminationFeaturesSoft TerminationRatings-ApplicationsBoardflex SensitiveFailure Rate-Package / Case1808 (4520 Metric)Size / Dimension0.177" L x 0.079" W (4.50mm x 2.00mm)Height - Seated (Max)-Lead Spacing-   | Package                  | 1808 (4520 Metric)                    |
| Folerance±1%Voltage - Rated500VFemperature CoefficientCOG, NPOOperating Temperature-55°C ~ 125°CFeaturesSoft TerminationRatings-ApplicationsBoardflex SensitiveFailure Rate-Mounting TypeSurface Mount, MLCCPackage / Case1808 (4520 Metric)Size / Dimension0.177" L x 0.079" W (4.50mm x 2.00mm)Height - Seated (Max)-Lead Spacing-  | Series                   | FlexiCap?                             |
| Voltage - Rated500VFemperature CoefficientC0G, NP0Operating Temperature-55°C ~ 125°CFeaturesSoft TerminationRatings-ApplicationsBoardflex SensitiveFailure Rate-Mounting TypeSurface Mount, MLCCPackage / Case1808 (4520 Metric)Size / Dimension0.177" L x 0.079" W (4.50mm x 2.00mm)Height - Seated (Max)-Lead Spacing0.079" (2.00mm)  | Capacitance              | 180pF                                 |
| Femperature CoefficientCOG, NP0Operating Temperature-55°C ~ 125°CFeaturesSoft TerminationRatings-ApplicationsBoardflex SensitiveFailure Rate-Mounting TypeSurface Mount, MLCCPackage / Case1808 (4520 Metric)Size / Dimension0.177" L x 0.079" W (4.50mm x 2.00mm)Height - Seated (Max)-Lead Spacing0.079" (2.00mm)   | Tolerance                | ±1%                                   |
| Deperating Temperature-55°C ~ 125°CFeaturesSoft TerminationRatings-ApplicationsBoardflex SensitiveFailure Rate-Mounting TypeSurface Mount, MLCCPackage / Case1808 (4520 Metric)Size / Dimension0.177" L x 0.079" W (4.50mm x 2.00mm)Height - Seated (Max)-Lead Spacing0.079" (2.00mm)   | Voltage - Rated          | 500V                                  |
| FeaturesSoft TerminationRatings-ApplicationsBoardflex SensitiveFailure 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-  | Temperature Coefficient  | C0G, NP0                              |
| Ratings-ApplicationsBoardflex SensitiveFailure 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-  | Operating Temperature    | -55°C ~ 125°C                         |
| ApplicationsBoardflex SensitiveFailure Rate-Mounting TypeSurface Mount, MLCCPackage / Case1808 (4520 Metric)Package / Dimension0.177" L x 0.079" W (4.50mm x 2.00mm)Height - Seated (Max)-Thickness (Max)0.079" (2.00mm)Lead Spacing-   | Features                 | Soft Termination                      |
| Failure Rate-Failure 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-  | Ratings                  | -                                     |
| 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-  | Applications             | Boardflex Sensitive                   |
| 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     -   | 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   -   | Mounting Type            | Surface Mount, MLCC                   |
| Height - Seated (Max)-Thickness (Max)0.079" (2.00mm)Lead Spacing-   | Package / Case           | 1808 (4520 Metric)                    |
| Thickness (Max) 0.079" (2.00mm)   Lead Spacing -  | Size / Dimension         | 0.177" L x 0.079" W (4.50mm x 2.00mm) |
| Lead Spacing -  | Height - Seated (Max)    | -                                     |
|   | Thickness (Max)          | 0.079" (2.00mm)                       |
| Lead Style  | Lead Spacing             | -                                     |
|   | Lead Style               | -                                     |
| Report errors?  |                          | Report errors?                        |

#### 1808Y5000181FCR 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.

## 1808Y5000181FCR Payment Methods



If you have any question about 1808Y5000181FCR, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com