



### 2220Y1000681FCT Information

Heisener.com

For Reference Only

2220Y1000681FCT

Part Number

Manufacturer Knowles Syfer

Category

Capacitors Ceramic Capacitors

**Description** 

CAP CER 2220

2220 (5750 Metric)

**Package** 

For the pricing/inventory/lead time, please contact

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.









# 2220Y1000681FCT Specifications

| Manufacturer Part Number         2220Y1000681FCT           Manufacturer         Knowles Syfer           Category         Capacitors           Package         2220 (5750 Metric)           Series         FlexiCap?           Capacitance         680pF           Tolerance         ±1%           Voltage - Rated         100V           Temperature Coefficient         C0G, NP0 (1B)           Operating Temperature         -55°C ~ 125°C           Features         Soft Termination           Ratings         -           Applications         Boardflex Sensitive           Failure Rate         -           Mounting Type         Surface Mount, MLCC           Package / Case         2220 (5750 Metric)           Size / Dimension         0.224" L x 0.197" W (5.70mm x 5.00mm)           Height - Seated (Max)         -           Thickness (Max)         0.165" (4.20mm)           Lead Spacing         -           Lead Style         - |                          |                                       |
|---|--------------------------|---------------------------------------|
| Category         Capacitors           Package         2220 (5750 Metric)           Series         FlexiCap?           Capacitance         680pF           Tolerance         ±1%           Voltage - Rated         100V           Temperature Coefficient         C0G, NP0 (1B)           Operating Temperature         -55°C ~ 125°C           Features         Soft Termination           Ratings         -           Applications         Boardflex Sensitive           Failure Rate         -           Mounting Type         Surface Mount, MLCC           Package / Case         2220 (5750 Metric)           Size / Dimension         0.224" L x 0.197" W (5.70mm x 5.00mm)           Height - Seated (Max)         -           Thickness (Max)         0.165" (4.20mm)           Lead Spacing         -           Lead Style         -   | Manufacturer Part Number | 2220Y1000681FCT                       |
| Package         2220 (5750 Metric)           Series         FlexiCap?           Capacitance         680pF           Tolerance         ±1%           Voltage - Rated         100V           Temperature Coefficient         COG, NPO (1B)           Operating Temperature         -55°C ~ 125°C           Features         Soft Termination           Ratings         -           Applications         Boardflex Sensitive           Failure Rate         -           Mounting Type         Surface Mount, MLCC           Package / Case         2220 (5750 Metric)           Size / Dimension         0.224" L x 0.197" W (5.70mm x 5.00mm)           Height - Seated (Max)         -           Thickness (Max)         0.165" (4.20mm)           Lead Spacing         -           Lead Style         -   | Manufacturer             | Knowles Syfer                         |
| Package         2220 (5750 Metric)           Series         FlexiCap?           Capacitance         680pF           Tolerance         ±1%           Voltage - Rated         100V           Temperature Coefficient         C0G, NP0 (1B)           Operating Temperature         -55°C ~ 125°C           Features         Soft Termination           Ratings         -           Applications         Boardflex Sensitive           Failure Rate         -           Mounting Type         Surface Mount, MLCC           Package / Case         2220 (5750 Metric)           Size / Dimension         0.224" L x 0.197" W (5.70mm x 5.00mm)           Height - Seated (Max)         -           Thickness (Max)         0.165" (4.20mm)           Lead Spacing         -           Lead Style         -   | Category                 | Capacitors                            |
| Series         FlexiCap?           Capacitance         680pF           Tolerance         ±1%           Voltage - Rated         100V           Temperature Coefficient         C0G, NP0 (1B)           Operating Temperature         -55°C ~ 125°C           Features         Soft Termination           Ratings         -           Applications         Boardflex Sensitive           Failure Rate         -           Mounting Type         Surface Mount, MLCC           Package / Case         2220 (5750 Metric)           Size / Dimension         0.224" L x 0.197" W (5.70mm x 5.00mm)           Height - Seated (Max)         -           Thickness (Max)         0.165" (4.20mm)           Lead Spacing         -           Lead Style         -  |                          | Ceramic Capacitors                    |
| Capacitance         680pF           Tolerance         ±1%           Voltage - Rated         100V           Temperature Coefficient         C0G, NP0 (1B)           Operating Temperature         -55°C ~ 125°C           Features         Soft Termination           Ratings         -           Applications         Boardflex Sensitive           Failure Rate         -           Mounting Type         Surface Mount, MLCC           Package / Case         2220 (5750 Metric)           Size / Dimension         0.224" L x 0.197" W (5.70mm x 5.00mm)           Height - Seated (Max)         -           Thickness (Max)         0.165" (4.20mm)           Lead Spacing         -           Lead Style         -   | Package                  | 2220 (5750 Metric)                    |
| Tolerance         ±1%           Voltage - Rated         100V           Temperature Coefficient         C0G, NP0 (1B)           Operating Temperature         -55°C ~ 125°C           Features         Soft Termination           Ratings         -           Applications         Boardflex Sensitive           Failure Rate         -           Mounting Type         Surface Mount, MLCC           Package / Case         2220 (5750 Metric)           Size / Dimension         0.224" L x 0.197" W (5.70mm x 5.00mm)           Height - Seated (Max)         -           Thickness (Max)         0.165" (4.20mm)           Lead Spacing         -           Lead Style         -   | Series                   | FlexiCap?                             |
| Voltage - Rated100VTemperature CoefficientC0G, NP0 (1B)Operating Temperature-55°C ~ 125°CFeaturesSoft TerminationRatings-ApplicationsBoardflex SensitiveFailure Rate-Mounting TypeSurface Mount, MLCCPackage / Case2220 (5750 Metric)Size / Dimension0.224" L x 0.197" W (5.70mm x 5.00mm)Height - Seated (Max)-Thickness (Max)0.165" (4.20mm)Lead Spacing-Lead Style-  | Capacitance              | 680pF                                 |
| Temperature Coefficient Operating Temperature -55°C ~ 125°C Features Soft Termination Ratings - Applications Boardflex Sensitive Failure Rate - Mounting Type Surface Mount, MLCC Package / Case 2220 (5750 Metric) Size / Dimension 0.224" L x 0.197" W (5.70mm x 5.00mm) Height - Seated (Max) Thickness (Max) 0.165" (4.20mm) Lead Spacing Lead Style -  | Tolerance                | ±1%                                   |
| Operating Temperature-55°C ~ 125°CFeaturesSoft TerminationRatings-ApplicationsBoardflex SensitiveFailure Rate-Mounting TypeSurface Mount, MLCCPackage / Case2220 (5750 Metric)Size / Dimension0.224" L x 0.197" W (5.70mm x 5.00mm)Height - Seated (Max)-Thickness (Max)0.165" (4.20mm)Lead Spacing-Lead Style-   | Voltage - Rated          | 100V                                  |
| Features  Soft Termination  Ratings  Applications  Boardflex Sensitive  Failure Rate  - Mounting Type Surface Mount, MLCC  Package / Case 2220 (5750 Metric)  Size / Dimension 0.224" L x 0.197" W (5.70mm x 5.00mm)  Height - Seated (Max) - Thickness (Max) 0.165" (4.20mm)  Lead Spacing - Lead Style -  | Temperature Coefficient  | C0G, NP0 (1B)                         |
| Ratings - Boardflex Sensitive Failure Rate - Mounting Type Surface Mount, MLCC Package / Case 2220 (5750 Metric) Size / Dimension 0.224" L x 0.197" W (5.70mm x 5.00mm) Height - Seated (Max) - Thickness (Max) 0.165" (4.20mm) Lead Spacing - Lead Style   | Operating Temperature    | -55°C ~ 125°C                         |
| Applications  Boardflex Sensitive  Failure Rate  - Mounting Type Surface Mount, MLCC  Package / Case 2220 (5750 Metric)  Size / Dimension 0.224" L x 0.197" W (5.70mm x 5.00mm)  Height - Seated (Max) - Thickness (Max) 0.165" (4.20mm)  Lead Spacing - Lead Style -   | Features                 | Soft Termination                      |
| Failure Rate - Mounting Type Surface Mount, MLCC Package / Case 2220 (5750 Metric) Size / Dimension 0.224" L x 0.197" W (5.70mm x 5.00mm) Height - Seated (Max) - Thickness (Max) 0.165" (4.20mm) Lead Spacing - Lead Style -   | Ratings                  | -                                     |
| Mounting Type         Surface Mount, MLCC           Package / Case         2220 (5750 Metric)           Size / Dimension         0.224" L x 0.197" W (5.70mm x 5.00mm)           Height - Seated (Max)         -           Thickness (Max)         0.165" (4.20mm)           Lead Spacing         -           Lead Style         -  | Applications             | Boardflex Sensitive                   |
| Package / Case       2220 (5750 Metric)         Size / Dimension       0.224" L x 0.197" W (5.70mm x 5.00mm)         Height - Seated (Max)       -         Thickness (Max)       0.165" (4.20mm)         Lead Spacing       -         Lead Style       -  | Failure Rate             | -                                     |
| Size / Dimension       0.224" L x 0.197" W (5.70mm x 5.00mm)         Height - Seated (Max)       -         Thickness (Max)       0.165" (4.20mm)         Lead Spacing       -         Lead Style       -  | Mounting Type            | Surface Mount, MLCC                   |
| Height - Seated (Max)  Thickness (Max)  Lead Spacing  Lead Style  -  -  -  -  -  -  -  -  -  -  -  -  -   | Package / Case           | 2220 (5750 Metric)                    |
| Thickness (Max) 0.165" (4.20mm)  Lead Spacing -  Lead Style -   | Size / Dimension         | 0.224" L x 0.197" W (5.70mm x 5.00mm) |
| Lead Spacing-Lead Style-  | Height - Seated (Max)    | -                                     |
| Lead Style -  | Thickness (Max)          | 0.165" (4.20mm)                       |
|   | Lead Spacing             | -                                     |
| Report errors?  | Lead Style               | -                                     |
|   |                          | Report errors?                        |

#### 2220Y1000681FCT 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.

### 2220Y1000681FCT Payment Methods

































If you have any question about 2220Y1000681FCT, please do not hesitate to contact us!

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