



### 1210J5000683KXT Information

Heisener.com

Part Number 1210J5000683KXT

Manufacturer Knowles Syfer

Category Capacitors

**Ceramic Capacitors** 

**Description** CAP CER 0.068UF 500V X7R 1210

**Package** 1210 (3225 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.









# 1210J5000683KXT Specifications

| Manufacturer Part Number         1210J5000683KXT           Manufacturer         Knowles Syfer           Category         Capacitors           Package         1210 (3225 Metric)           Series         -           Capacitance         0.068µF           Tolerance         ±10%           Voltage - Rated         500V           Temperature Coefficient         X7R (2R1)           Operating Temperature         -55°C ~ 125°C           Features         Epoxy Mountable           Ratings         -           Applications         Automotive           Failure Rate         -           Mounting Type         Surface Mount, MLCC           Package / Case         1210 (3225 Metric)           Size / Dimension         0.126" L x 0.098" W (3.20mm x 2.50mm)           Height - Seated (Max)         -           Thickness (Max)         0.079" (2.00mm)           Lead Spacing         -           Lead Spacing         -           Lead Style         - |                          |                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|---------------------------------------|
| Category         Capacitors           Package         1210 (3225 Metric)           Series         -           Capacitance         0.068µF           Tolerance         ±10%           Voltage - Rated         500V           Temperature Coefficient         X7R (2R1)           Operating Temperature         -55°C ~ 125°C           Features         Epoxy Mountable           Ratings         -           Applications         Automotive           Failure Rate         -           Mounting Type         Surface Mount, MLCC           Package / Case         1210 (3225 Metric)           Size / Dimension         0.126" L x 0.098" W (3.20mm x 2.50mm)           Height - Seated (Max)         -           Thickness (Max)         0.079" (2.00mm)           Lead Spacing         -           Lead Style         -                                                                                                                                          | Manufacturer Part Number | 1210J5000683KXT                       |
| Package         1210 (3225 Metric)           Series         -           Capacitance         0.068μF           Tolerance         ±10%           Voltage - Rated         500V           Temperature Coefficient         X7R (2R1)           Operating Temperature         -55°C ~ 125°C           Features         Epoxy Mountable           Ratings         -           Applications         Automotive           Failure Rate         -           Mounting Type         Surface Mount, MLCC           Package / Case         1210 (3225 Metric)           Size / Dimension         0.126" L x 0.098" W (3.20mm x 2.50mm)           Height - Seated (Max)         -           Thickness (Max)         0.079" (2.00mm)           Lead Spacing         -           Lead Style         -                                                                                                                                                                                | Manufacturer             | Knowles Syfer                         |
| Package         1210 (3225 Metric)           Series         -           Capacitance         0.068µF           Tolerance         ±10%           Voltage - Rated         500V           Temperature Coefficient         X7R (2R1)           Operating Temperature         -55°C ~ 125°C           Features         Epoxy Mountable           Ratings         -           Applications         Automotive           Failure Rate         -           Mounting Type         Surface Mount, MLCC           Package / Case         1210 (3225 Metric)           Size / Dimension         0.126" L x 0.098" W (3.20mm x 2.50mm)           Height - Seated (Max)         -           Thickness (Max)         0.079" (2.00mm)           Lead Spacing         -           Lead Style         -                                                                                                                                                                                | Category                 | Capacitors                            |
| Series         -           Capacitance         0.068µF           Tolerance         ±10%           Voltage - Rated         500V           Temperature Coefficient         X7R (2R1)           Operating Temperature         -55°C ~ 125°C           Features         Epoxy Mountable           Ratings         -           Applications         Automotive           Failure Rate         -           Mounting Type         Surface Mount, MLCC           Package / Case         1210 (3225 Metric)           Size / Dimension         0.126" L x 0.098" W (3.20mm x 2.50mm)           Height - Seated (Max)         -           Thickness (Max)         0.079" (2.00mm)           Lead Spacing         -           Lead Style         -                                                                                                                                                                                                                             |                          | Ceramic Capacitors                    |
| Capacitance         0.068μF           Tolerance         ±10%           Voltage - Rated         500V           Temperature Coefficient         X7R (2R1)           Operating Temperature         -55°C ~ 125°C           Features         Epoxy Mountable           Ratings         -           Applications         Automotive           Failure Rate         -           Mounting Type         Surface Mount, MLCC           Package / Case         1210 (3225 Metric)           Size / Dimension         0.126" L x 0.098" W (3.20mm x 2.50mm)           Height - Seated (Max)         -           Thickness (Max)         0.079" (2.00mm)           Lead Spacing         -           Lead Style         -                                                                                                                                                                                                                                                        | Package                  | 1210 (3225 Metric)                    |
| Tolerance         ±10%           Voltage - Rated         500V           Temperature Coefficient         X7R (2R1)           Operating Temperature         -55°C ~ 125°C           Features         Epoxy Mountable           Ratings         -           Applications         Automotive           Failure Rate         -           Mounting Type         Surface Mount, MLCC           Package / Case         1210 (3225 Metric)           Size / Dimension         0.126" L x 0.098" W (3.20mm x 2.50mm)           Height - Seated (Max)         -           Thickness (Max)         0.079" (2.00mm)           Lead Spacing         -           Lead Style         -                                                                                                                                                                                                                                                                                              | Series                   | -                                     |
| Voltage - Rated500VTemperature CoefficientX7R (2R1)Operating Temperature-55°C ~ 125°CFeaturesEpoxy MountableRatings-ApplicationsAutomotiveFailure Rate-Mounting TypeSurface Mount, MLCCPackage / Case1210 (3225 Metric)Size / Dimension0.126" L x 0.098" W (3.20mm x 2.50mm)Height - Seated (Max)-Thickness (Max)0.079" (2.00mm)Lead Spacing-Lead Style-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Capacitance              | 0.068μF                               |
| Temperature Coefficient  ATR (2R1)  Operating Temperature  -55°C ~ 125°C  Features  Epoxy Mountable  Ratings  - Applications  Failure Rate  - Mounting Type  Surface Mount, MLCC  Package / Case  1210 (3225 Metric)  Size / Dimension  0.126" L x 0.098" W (3.20mm x 2.50mm)  Height - Seated (Max)  Thickness (Max)  0.079" (2.00mm)  Lead Spacing  - Lead Style                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Tolerance                | ±10%                                  |
| Operating Temperature-55°C ~ 125°CFeaturesEpoxy MountableRatings-ApplicationsAutomotiveFailure Rate-Mounting TypeSurface Mount, MLCCPackage / Case1210 (3225 Metric)Size / Dimension0.126" L x 0.098" W (3.20mm x 2.50mm)Height - Seated (Max)-Thickness (Max)0.079" (2.00mm)Lead Spacing-Lead Style-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Voltage - Rated          | 500V                                  |
| Features Epoxy Mountable  Ratings - Applications Automotive  Failure Rate - Mounting Type Surface Mount, MLCC  Package / Case 1210 (3225 Metric) Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm)  Height - Seated (Max) - Thickness (Max) 0.079" (2.00mm)  Lead Spacing - Lead Style -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Temperature Coefficient  | X7R (2R1)                             |
| Ratings - Automotive Failure Rate - Surface Mount, MLCC Package / Case 1210 (3225 Metric) Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm) Height - Seated (Max) - Thickness (Max) 0.079" (2.00mm) Lead Spacing - Lead Style                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Operating Temperature    | -55°C ~ 125°C                         |
| Applications Automotive Failure Rate - Mounting Type Surface Mount, MLCC Package / Case 1210 (3225 Metric) Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm) Height - Seated (Max) - Thickness (Max) 0.079" (2.00mm) Lead Spacing - Lead Style -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Features                 | Epoxy Mountable                       |
| Failure Rate - Mounting Type Surface Mount, MLCC Package / Case 1210 (3225 Metric) Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm) Height - Seated (Max) - Thickness (Max) 0.079" (2.00mm) Lead Spacing - Lead Style -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Ratings                  | -                                     |
| Mounting Type Surface Mount, MLCC Package / Case 1210 (3225 Metric) Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm) Height - Seated (Max) - Thickness (Max) 0.079" (2.00mm) Lead Spacing - Lead Style -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Applications             | Automotive                            |
| Package / Case       1210 (3225 Metric)         Size / Dimension       0.126" L x 0.098" W (3.20mm x 2.50mm)         Height - Seated (Max)       -         Thickness (Max)       0.079" (2.00mm)         Lead Spacing       -         Lead Style       -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Failure Rate             | -                                     |
| Size / Dimension       0.126" L x 0.098" W (3.20mm x 2.50mm)         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           | 1210 (3225 Metric)                    |
| Thickness (Max) 0.079" (2.00mm)  Lead Spacing -  Lead Style -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Size / Dimension         | 0.126" L x 0.098" W (3.20mm x 2.50mm) |
| Lead Spacing - Lead Style -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Height - Seated (Max)    | -                                     |
| Lead Style -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Thickness (Max)          | 0.079" (2.00mm)                       |
| ·                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Lead Spacing             | -                                     |
| Report errors?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Lead Style               | -                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                          | Report errors?                        |

### 1210J5000683KXT 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.

### 1210J5000683KXT Payment Methods



















## 1210J5000683KXT Shipping Methods













If you have any question about 1210J5000683KXT, please do not hesitate to contact us!

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