



# 0603Y2500561KDR Information



For Reference Only

Part Number 0603Y2500561KDR
Manufacturer Knowles Syfer
Category Capacitors

Ceramic Capacitors

**Description** CAP CER 560PF 250V X7R 0603

Package 0603 (1608 Metric)

For the pricing/inventory/lead time, please contact

us

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.









# 0603Y2500561KDR Specifications

| Manufacturer Part Number         0603Y2500561KDR           Manufacturer         Knowles Syfer           Category         Capacitors           Package         0603 (1608 Metric)           Series         FlexiCap?           Capacitance         560pF           Tolerance         ±10%           Voltage - Rated         250V           Temperature Coefficient         X7R           Operating Temperature         -55°C ~ 125°C           Features         High Temperature           Ratings         -           Applications         High Reliability           Failure Rate         -           Mounting Type         Surface Mount, MLCC           Package / Case         0603 (1608 Metric)           Size / Dimension         0.063" L x 0.031" W (1.60mm x 0.80mm)           Height - Seated (Max)         -           Thickness (Max)         0.031" (0.80mm)           Lead Spacing         -           Lead Style         - |                          |                                       |
|---|--------------------------|---------------------------------------|
| Category         Capacitors           Package         0603 (1608 Metric)           Series         FlexiCap?           Capacitance         560pF           Tolerance         ±10%           Voltage - Rated         250V           Temperature Coefficient         X7R           Operating Temperature         -55°C ~ 125°C           Features         High Temperature           Ratings         -           Applications         High Reliability           Failure Rate         -           Mounting Type         Surface Mount, MLCC           Package / Case         0603 (1608 Metric)           Size / Dimension         0.063" L x 0.031" W (1.60mm x 0.80mm)           Height - Seated (Max)         -           Thickness (Max)         0.031" (0.80mm)           Lead Spacing         -           Lead Style         -   | Manufacturer Part Number | 0603Y2500561KDR                       |
| Package         0603 (1608 Metric)           Series         FlexiCap?           Capacitance         560pF           Tolerance         ±10%           Voltage - Rated         250V           Temperature Coefficient         X7R           Operating Temperature         -55°C ~ 125°C           Features         High Temperature           Ratings         -           Applications         High Reliability           Failure Rate         -           Mounting Type         Surface Mount, MLCC           Package / Case         0603 (1608 Metric)           Size / Dimension         0.063" L x 0.031" W (1.60mm x 0.80mm)           Height - Seated (Max)         -           Thickness (Max)         0.031" (0.80mm)           Lead Spacing         -           Lead Style         -   | Manufacturer             | Knowles Syfer                         |
| Package         0603 (1608 Metric)           Series         FlexiCap?           Capacitance         560pF           Tolerance         ±10%           Voltage - Rated         250V           Temperature Coefficient         X7R           Operating Temperature         -55°C ~ 125°C           Features         High Temperature           Ratings         -           Applications         High Reliability           Failure Rate         -           Mounting Type         Surface Mount, MLCC           Package / Case         0603 (1608 Metric)           Size / Dimension         0.063" L x 0.031" W (1.60mm x 0.80mm)           Height - Seated (Max)         -           Thickness (Max)         0.031" (0.80mm)           Lead Spacing         -           Lead Style         -   | Category                 | Capacitors                            |
| Series         FlexiCap?           Capacitance         560pF           Tolerance         ±10%           Voltage - Rated         250V           Temperature Coefficient         X7R           Operating Temperature         -55°C ~ 125°C           Features         High Temperature           Ratings         -           Applications         High Reliability           Failure Rate         -           Mounting Type         Surface Mount, MLCC           Package / Case         0603 (1608 Metric)           Size / Dimension         0.063" L x 0.031" W (1.60mm x 0.80mm)           Height - Seated (Max)         -           Thickness (Max)         0.031" (0.80mm)           Lead Spacing         -           Lead Style         -  |                          | Ceramic Capacitors                    |
| Capacitance         560pF           Tolerance         ±10%           Voltage - Rated         250V           Temperature Coefficient         X7R           Operating Temperature         -55°C ~ 125°C           Features         High Temperature           Ratings         -           Applications         High Reliability           Failure Rate         -           Mounting Type         Surface Mount, MLCC           Package / Case         0603 (1608 Metric)           Size / Dimension         0.063" L x 0.031" W (1.60mm x 0.80mm)           Height - Seated (Max)         -           Thickness (Max)         0.031" (0.80mm)           Lead Spacing         -           Lead Style         -   | Package                  | 0603 (1608 Metric)                    |
| Tolerance         ±10%           Voltage - Rated         250V           Temperature Coefficient         X7R           Operating Temperature         -55°C ~ 125°C           Features         High Temperature           Ratings         -           Applications         High Reliability           Failure Rate         -           Mounting Type         Surface Mount, MLCC           Package / Case         0603 (1608 Metric)           Size / Dimension         0.063" L x 0.031" W (1.60mm x 0.80mm)           Height - Seated (Max)         -           Thickness (Max)         0.031" (0.80mm)           Lead Spacing         -           Lead Style         -   | Series                   | FlexiCap?                             |
| Voltage - Rated  Temperature Coefficient  X7R  Operating Temperature  -55°C ~ 125°C  Features  High Temperature  Ratings  - Applications  High Reliability  Failure Rate  - Mounting Type  Surface Mount, MLCC  Package / Case  0603 (1608 Metric)  Size / Dimension  0.063" L x 0.031" W (1.60mm x 0.80mm)  Height - Seated (Max)  - Thickness (Max)  0.031" (0.80mm)  Lead Spacing  - Lead Style  | Capacitance              | 560pF                                 |
| Temperature Coefficient  X7R  Operating Temperature  -55°C ~ 125°C  Features  High Temperature  Ratings  -  Applications  High Reliability  Failure Rate  -  Mounting Type  Surface Mount, MLCC  Package / Case  0603 (1608 Metric)  Size / Dimension  0.063" L x 0.031" W (1.60mm x 0.80mm)  Height - Seated (Max)  Thickness (Max)  0.031" (0.80mm)  Lead Spacing  -  Lead Style  | Tolerance                | ±10%                                  |
| Operating Temperature-55°C ~ 125°CFeaturesHigh TemperatureRatings-ApplicationsHigh ReliabilityFailure Rate-Mounting TypeSurface Mount, MLCCPackage / Case0603 (1608 Metric)Size / Dimension0.063" L x 0.031" W (1.60mm x 0.80mm)Height - Seated (Max)-Thickness (Max)0.031" (0.80mm)Lead Spacing-Lead Style-  | Voltage - Rated          | 250V                                  |
| Features High Temperature  Ratings - Applications High Reliability  Failure Rate - Mounting Type Surface Mount, MLCC  Package / Case 0603 (1608 Metric)  Size / Dimension 0.063" L x 0.031" W (1.60mm x 0.80mm)  Height - Seated (Max) - Thickness (Max) 0.031" (0.80mm)  Lead Spacing - Lead Style -   | Temperature Coefficient  | X7R                                   |
| Ratings - High Reliability Failure Rate - Mounting Type Surface Mount, MLCC Package / Case 0603 (1608 Metric) Size / Dimension 0.063" L x 0.031" W (1.60mm x 0.80mm) Height - Seated (Max) - Thickness (Max) 0.031" (0.80mm) Lead Spacing - Lead Style  | Operating Temperature    | -55°C ~ 125°C                         |
| Applications High Reliability Failure Rate - Mounting Type Surface Mount, MLCC Package / Case 0603 (1608 Metric) Size / Dimension 0.063" L x 0.031" W (1.60mm x 0.80mm) Height - Seated (Max) - Thickness (Max) 0.031" (0.80mm) Lead Spacing - Lead Style -   | Features                 | High Temperature                      |
| Failure Rate         -           Mounting Type         Surface Mount, MLCC           Package / Case         0603 (1608 Metric)           Size / Dimension         0.063" L x 0.031" W (1.60mm x 0.80mm)           Height - Seated (Max)         -           Thickness (Max)         0.031" (0.80mm)           Lead Spacing         -           Lead Style         -   | Ratings                  | -                                     |
| Mounting Type         Surface Mount, MLCC           Package / Case         0603 (1608 Metric)           Size / Dimension         0.063" L x 0.031" W (1.60mm x 0.80mm)           Height - Seated (Max)         -           Thickness (Max)         0.031" (0.80mm)           Lead Spacing         -           Lead Style         -  | Applications             | High Reliability                      |
| Package / Case       0603 (1608 Metric)         Size / Dimension       0.063" L x 0.031" W (1.60mm x 0.80mm)         Height - Seated (Max)       -         Thickness (Max)       0.031" (0.80mm)         Lead Spacing       -         Lead Style       -  | Failure Rate             | -                                     |
| Size / Dimension       0.063" L x 0.031" W (1.60mm x 0.80mm)         Height - Seated (Max)       -         Thickness (Max)       0.031" (0.80mm)         Lead Spacing       -         Lead Style       -  | Mounting Type            | Surface Mount, MLCC                   |
| Height - Seated (Max)  Thickness (Max)  Lead Spacing  Lead Style  -  -  -  -  -  -  -  -  -  -  -  -  -   | Package / Case           | 0603 (1608 Metric)                    |
| Thickness (Max) 0.031" (0.80mm)  Lead Spacing -  Lead Style -   | Size / Dimension         | 0.063" L x 0.031" W (1.60mm x 0.80mm) |
| Lead Spacing - Lead Style -   | Height - Seated (Max)    | -                                     |
| Lead Style -  | Thickness (Max)          | 0.031" (0.80mm)                       |
| ·   | Lead Spacing             | -                                     |
| Report errors?  | Lead Style               | -                                     |
|   |                          | Report errors?                        |

#### 0603Y2500561KDR 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.

## 0603Y2500561KDR Payment Methods





















## 0603Y2500561KDR Shipping Methods













If you have any question about 0603Y2500561KDR, please do not hesitate to contact us!

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