



### VJ0805D510KXXAJ Information

Heisener.com

VJ0805D510KXXAJ Part Number Manufacturer Vishay Vitramon

Category Capacitors

Ceramic Capacitors **Description** CAP CER 51PF 25V C0G/NP0 0805

Package 0805 (2012 Metric)

For the pricing/inventory/lead time, please contact

Website: https://www.heisener.com For Reference Only

E-mail: salesdept@heisener.com



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## **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.









# VJ0805D510KXXAJ Specifications

| Manufacturer Part Number         VJ0805D510KXXAJ           Manufacturer         Vishay Vitramon           Category         Capacitors           Package         0805 (2012 Metric)           Series         VJ HIFREQ           Capacitance         51pF           Tolerance         ±10%           Voltage - Rated         25V           Temperature Coefficient         C0G, NPO           Operating Temperature         -55°C ~ 125°C           Features         High Q, Low Loss           Ratings         -           Applications         RF, Microwave, High Frequency           Failure Rate         -           Mounting Type         Surface Mount, MLCC           Package / Case         0805 (2012 Metric)           Size / Dimension         0.079" L x 0.049" W (2.00mm x 1.25mm)           Height - Seated (Max)         -           Thickness (Max)         0.057" (1.45mm)           Lead Spacing         -           Lead Spacing         -           Lead Style         - |                          |                                       |
|--|--------------------------|---------------------------------------|
| Category         Capacitors           Package         0805 (2012 Metric)           Series         VJ HIFREQ           Capacitance         51pF           Tolerance         ±10%           Voltage - Rated         25V           Temperature Coefficient         C0G, NP0           Operating Temperature         -55°C ~ 125°C           Features         High Q, Low Loss           Ratings         -           Applications         RF, Microwave, High Frequency           Failure Rate         -           Mounting Type         Surface Mount, MLCC           Package / Case         0805 (2012 Metric)           Size / Dimension         0.079" L x 0.049" W (2.00mm x 1.25mm)           Height - Seated (Max)         -           Thickness (Max)         0.057" (1.45mm)           Lead Spacing         -           Lead Style         -  | Manufacturer Part Number | VJ0805D510KXXAJ                       |
| Package         0805 (2012 Metric)           Series         VJ HIFREQ           Capacitance         51pF           Tolerance         ±10%           Voltage - Rated         25V           Temperature Coefficient         C0G, NP0           Operating Temperature         -55°C ~ 125°C           Features         High Q, Low Loss           Ratings         -           Applications         RF, Microwave, High Frequency           Failure Rate         -           Mounting Type         Surface Mount, MLCC           Package / Case         0805 (2012 Metric)           Size / Dimension         0.079" L x 0.049" W (2.00mm x 1.25mm)           Height - Seated (Max)         -           Thickness (Max)         0.057" (1.45mm)           Lead Spacing         -           Lead Style         -  | Manufacturer             | Vishay Vitramon                       |
| Package         0805 (2012 Metric)           Series         VJ HIFREQ           Capacitance         51pF           Tolerance         ±10%           Voltage - Rated         25V           Temperature Coefficient         C0G, NP0           Operating Temperature         -55°C ~ 125°C           Features         High Q, Low Loss           Ratings         -           Applications         RF, Microwave, High Frequency           Failure Rate         -           Mounting Type         Surface Mount, MLCC           Package / Case         0805 (2012 Metric)           Size / Dimension         0.079" L x 0.049" W (2.00mm x 1.25mm)           Height - Seated (Max)         -           Thickness (Max)         0.057" (1.45mm)           Lead Spacing         -           Lead Style         -  | Category                 | Capacitors                            |
| Series         VJ HIFREQ           Capacitance         51pF           Tolerance         ±10%           Voltage - Rated         25V           Temperature Coefficient         C0G, NP0           Operating Temperature         -55°C ~ 125°C           Features         High Q, Low Loss           Ratings         -           Applications         RF, Microwave, High Frequency           Failure Rate         -           Mounting Type         Surface Mount, MLCC           Package / Case         0805 (2012 Metric)           Size / Dimension         0.079" L x 0.049" W (2.00mm x 1.25mm)           Height - Seated (Max)         -           Thickness (Max)         0.057" (1.45mm)           Lead Spacing         -           Lead Style         -   |                          | Ceramic Capacitors                    |
| Capacitance         51pF           Tolerance         ±10%           Voltage - Rated         25V           Temperature Coefficient         COG, NPO           Operating Temperature         -55°C ~ 125°C           Features         High Q, Low Loss           Ratings         -           Applications         RF, Microwave, High Frequency           Failure Rate         -           Mounting Type         Surface Mount, MLCC           Package / Case         0805 (2012 Metric)           Size / Dimension         0.079" L x 0.049" W (2.00mm x 1.25mm)           Height - Seated (Max)         -           Thickness (Max)         0.057" (1.45mm)           Lead Spacing         -           Lead Style         -  | Package                  | 0805 (2012 Metric)                    |
| Tolerance ±10%  Voltage - Rated 25V  Temperature Coefficient C0G, NP0  Operating Temperature -55°C ~ 125°C  Features High Q, Low Loss  Ratings -  Applications RF, Microwave, High Frequency  Failure Rate -  Mounting Type Surface Mount, MLCC  Package / Case 0805 (2012 Metric)  Size / Dimension 0.079" L x 0.049" W (2.00mm x 1.25mm)  Height - Seated (Max) -  Thickness (Max) 0.057" (1.45mm)  Lead Spacing -  Lead Style -   | Series                   | VJ HIFREQ                             |
| Voltage - Rated25VTemperature CoefficientC0G, NP0Operating Temperature-55°C ~ 125°CFeaturesHigh Q, Low LossRatings-ApplicationsRF, Microwave, High FrequencyFailure Rate-Mounting TypeSurface Mount, MLCCPackage / Case0805 (2012 Metric)Size / Dimension0.079" L x 0.049" W (2.00mm x 1.25mm)Height - Seated (Max)-Thickness (Max)0.057" (1.45mm)Lead Spacing-Lead Style-   | Capacitance              | 51pF                                  |
| Temperature CoefficientCOG, NPOOperating Temperature-55°C ~ 125°CFeaturesHigh Q, Low LossRatings-ApplicationsRF, Microwave, High FrequencyFailure Rate-Mounting TypeSurface Mount, MLCCPackage / Case0805 (2012 Metric)Size / Dimension0.079" L x 0.049" W (2.00mm x 1.25mm)Height - Seated (Max)-Thickness (Max)0.057" (1.45mm)Lead Spacing-Lead Style-   | Tolerance                | ±10%                                  |
| Operating Temperature-55°C ~ 125°CFeaturesHigh Q, Low LossRatings-ApplicationsRF, Microwave, High FrequencyFailure Rate-Mounting TypeSurface Mount, MLCCPackage / Case0805 (2012 Metric)Size / Dimension0.079" L x 0.049" W (2.00mm x 1.25mm)Height - Seated (Max)-Thickness (Max)0.057" (1.45mm)Lead Spacing-Lead Style-  | Voltage - Rated          | 25V                                   |
| Features High Q, Low Loss  Ratings - RF, Microwave, High Frequency Failure Rate - Mounting Type Surface Mount, MLCC  Package / Case 0805 (2012 Metric) Size / Dimension 0.079" L x 0.049" W (2.00mm x 1.25mm)  Height - Seated (Max) - Thickness (Max) 0.057" (1.45mm)  Lead Spacing - Lead Style  | Temperature Coefficient  | C0G, NP0                              |
| Ratings - Applications RF, Microwave, High Frequency Failure Rate - Mounting Type Surface Mount, MLCC Package / Case 0805 (2012 Metric) Size / Dimension 0.079" L x 0.049" W (2.00mm x 1.25mm) Height - Seated (Max) - Thickness (Max) 0.057" (1.45mm) Lead Spacing - Lead Style -   | Operating Temperature    | -55°C ~ 125°C                         |
| Applications RF, Microwave, High Frequency Failure Rate - Mounting Type Surface Mount, MLCC Package / Case 0805 (2012 Metric) Size / Dimension 0.079" L x 0.049" W (2.00mm x 1.25mm) Height - Seated (Max) - Thickness (Max) 0.057" (1.45mm) Lead Spacing - Lead Style -   | Features                 | High Q, Low Loss                      |
| Failure Rate - Mounting Type Surface Mount, MLCC Package / Case 0805 (2012 Metric) Size / Dimension 0.079" L x 0.049" W (2.00mm x 1.25mm) Height - Seated (Max) - Thickness (Max) 0.057" (1.45mm) Lead Spacing - Lead Style -  | Ratings                  | -                                     |
| Mounting Type Surface Mount, MLCC Package / Case 0805 (2012 Metric) Size / Dimension 0.079" L x 0.049" W (2.00mm x 1.25mm) Height - Seated (Max) - Thickness (Max) 0.057" (1.45mm) Lead Spacing - Lead Style -   | Applications             | RF, Microwave, High Frequency         |
| Package / Case       0805 (2012 Metric)         Size / Dimension       0.079" L x 0.049" W (2.00mm x 1.25mm)         Height - Seated (Max)       -         Thickness (Max)       0.057" (1.45mm)         Lead Spacing       -         Lead Style       -   | Failure Rate             | -                                     |
| Size / Dimension       0.079" L x 0.049" W (2.00mm x 1.25mm)         Height - Seated (Max)       -         Thickness (Max)       0.057" (1.45mm)         Lead Spacing       -         Lead Style       -   | Mounting Type            | Surface Mount, MLCC                   |
| Height - Seated (Max)  Thickness (Max)  Lead Spacing  Lead Style  -  -  -  -  -  -  -  -  -  -  -  -  -  | Package / Case           | 0805 (2012 Metric)                    |
| Thickness (Max) 0.057" (1.45mm)  Lead Spacing -  Lead Style -  | Size / Dimension         | 0.079" L x 0.049" W (2.00mm x 1.25mm) |
| Lead Spacing - Lead Style -  | Height - Seated (Max)    | -                                     |
| Lead Style -   | Thickness (Max)          | 0.057" (1.45mm)                       |
|  | Lead Spacing             | -                                     |
| Report errors?   | Lead Style               | -                                     |
|  |                          | Report errors?                        |

## VJ0805D510KXXAJ 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.

## VJ0805D510KXXAJ Payment Methods



















# VJ0805D510KXXAJ Shipping Methods













If you have any question about VJ0805D510KXXAJ, please do not hesitate to contact us!

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