



## 06035C821J4T2A Information



For Reference Only

Part Number 06035C821J4T2A
Manufacturer AVX Corporation
Category Capacitors

Ceramic Capacitors

**Description** CAP CER 820PF 50V 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



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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.









## 06035C821J4T2A Specifications

| Manufacturer Part Number         06035C821J4T2A           Manufacturer         AVX Corporation           Category         Capacitors           Package         0603 (1608 Metric)           Series         -           Capacitance         820PF           Tolerance         ±5%           Voltage - Rated         50V           Temperature Coefficient         X7R           Operating Temperature         -55°C ~ 125°C           Features         -           Ratings         AEC-Q200           Applications         Automotive           Failure Rate         -           Mounting Type         Surface Mount, MLCC           Package / Case         0603 (1608 Metric)           Size / Dimension         0.063" L x 0.032" W (1.60mm x 0.81mm)           Height - Seated (Max)         -           Thickness (Max)         0.035" (0.90mm)           Lead Spacing         -           Lead Spacing         -           Lead Style         -  |                          |                                       |
|--|--------------------------|---------------------------------------|
| Category         Capacitors           Package         0603 (1608 Metric)           Series         -           Capacitance         820pF           Tolerance         ±5%           Voltage - Rated         50V           Temperature Coefficient         X7R           Operating Temperature         -55°C ~ 125°C           Features         -           Ratings         AEC-Q200           Applications         Automotive           Failure Rate         -           Mounting Type         Surface Mount, MLCC           Package / Case         0603 (1608 Metric)           Size / Dimension         0.063" L x 0.032" W (1.60mm x 0.81mm)           Height - Seated (Max)         -           Thickness (Max)         0.035" (0.90mm)           Lead Spacing         -           Lead Style         -  | Manufacturer Part Number | 06035C821J4T2A                        |
| Package         0603 (1608 Metric)           Series         -           Capacitance         820pF           Tolerance         ±5%           Voltage - Rated         50V           Temperature Coefficient         X7R           Operating Temperature         -55°C ~ 125°C           Features         -           Ratings         AEC-Q200           Applications         Automotive           Failure Rate         -           Mounting Type         Surface Mount, MLCC           Package / Case         0603 (1608 Metric)           Size / Dimension         0.063" L x 0.032" W (1.60mm x 0.81mm)           Height - Seated (Max)         -           Thickness (Max)         0.035" (0.90mm)           Lead Spacing         -           Lead Style         -  | Manufacturer             | AVX Corporation                       |
| Package         0603 (1608 Metric)           Series         -           Capacitance         820pF           Tolerance         ±5%           Voltage - Rated         50V           Temperature Coefficient         X7R           Operating Temperature         -55°C ~ 125°C           Features         -           Ratings         AEC-Q200           Applications         Automotive           Failure Rate         -           Mounting Type         Surface Mount, MLCC           Package / Case         0603 (1608 Metric)           Size / Dimension         0.063" L x 0.032" W (1.60mm x 0.81mm)           Height - Seated (Max)         -           Thickness (Max)         0.035" (0.90mm)           Lead Spacing         -           Lead Style         -  | Category                 | Capacitors                            |
| Series         -           Capacitance         820pF           Tolerance         ±5%           Voltage - Rated         50V           Temperature Coefficient         X7R           Operating Temperature         -55°C ~ 125°C           Features         -           Ratings         AEC-Q200           Applications         Automotive           Failure Rate         -           Mounting Type         Surface Mount, MLCC           Package / Case         0603 (1608 Metric)           Size / Dimension         0.063" L x 0.032" W (1.60mm x 0.81mm)           Height - Seated (Max)         -           Thickness (Max)         0.035" (0.90mm)           Lead Spacing         -           Lead Style         -   |                          | Ceramic Capacitors                    |
| Capacitance         820pF           Tolerance         ±5%           Voltage - Rated         50V           Temperature Coefficient         X7R           Operating Temperature         -55°C ~ 125°C           Features         -           Ratings         AEC-Q200           Applications         Automotive           Failure Rate         -           Mounting Type         Surface Mount, MLCC           Package / Case         0603 (1608 Metric)           Size / Dimension         0.063" L x 0.032" W (1.60mm x 0.81mm)           Height - Seated (Max)         -           Thickness (Max)         0.035" (0.90mm)           Lead Spacing         -           Lead Style         -  | Package                  | 0603 (1608 Metric)                    |
| Tolerance         ±5%           Voltage - Rated         50V           Temperature Coefficient         X7R           Operating Temperature         -55°C ~ 125°C           Features         -           Ratings         AEC-Q200           Applications         Automotive           Failure Rate         -           Mounting Type         Surface Mount, MLCC           Package / Case         0603 (1608 Metric)           Size / Dimension         0.063" L x 0.032" W (1.60mm x 0.81mm)           Height - Seated (Max)         -           Thickness (Max)         0.035" (0.90mm)           Lead Spacing         -           Lead Style         -  | Series                   | -                                     |
| Voltage - Rated50VTemperature CoefficientX7ROperating Temperature-55°C ~ 125°CFeatures-RatingsAEC-Q200ApplicationsAutomotiveFailure Rate-Mounting TypeSurface Mount, MLCCPackage / Case0603 (1608 Metric)Size / Dimension0.063" L x 0.032" W (1.60mm x 0.81mm)Height - Seated (Max)-Thickness (Max)0.035" (0.90mm)Lead Spacing-Lead Style-   | Capacitance              | 820pF                                 |
| Temperature Coefficient  Operating Temperature  -55°C ~ 125°C  Features  - Ratings  AEC-Q200  Applications  Failure Rate  - Mounting Type  Surface Mount, MLCC  Package / Case  0603 (1608 Metric)  Size / Dimension  Height - Seated (Max)  Thickness (Max)  Lead Spacing  Lead Style  X7R  A7R  A7R  A7R  A7R  -55°C ~ 125°C  -55°C ~ 125°C  -50°C  -125°C  -50°C  -125°C  -50°C  -125°C  -125°C  -50°C  -125°C  -125°C  -50°C  -125°C  -125°C  -50°C  -125°C  -12 | Tolerance                | ±5%                                   |
| Operating Temperature-55°C ~ 125°CFeatures-RatingsAEC-Q200ApplicationsAutomotiveFailure Rate-Mounting TypeSurface Mount, MLCCPackage / Case0603 (1608 Metric)Size / Dimension0.063" L x 0.032" W (1.60mm x 0.81mm)Height - Seated (Max)-Thickness (Max)0.035" (0.90mm)Lead Spacing-Lead Style-   | Voltage - Rated          | 50V                                   |
| Features - Ratings AEC-Q200 Applications Automotive Failure Rate - Mounting Type Surface Mount, MLCC Package / Case 0603 (1608 Metric) Size / Dimension 0.063" L x 0.032" W (1.60mm x 0.81mm) Height - Seated (Max) - Thickness (Max) 0.035" (0.90mm) Lead Spacing - Lead Style -  | Temperature Coefficient  | X7R                                   |
| Ratings AEC-Q200 Applications Automotive Failure Rate - Mounting Type Surface Mount, MLCC Package / Case 0603 (1608 Metric) Size / Dimension 0.063" L x 0.032" W (1.60mm x 0.81mm) Height - Seated (Max) - Thickness (Max) 0.035" (0.90mm) Lead Spacing - Lead Style -   | Operating Temperature    | -55°C ~ 125°C                         |
| Applications Automotive  Failure Rate - Mounting Type Surface Mount, MLCC  Package / Case 0603 (1608 Metric) Size / Dimension 0.063" L x 0.032" W (1.60mm x 0.81mm)  Height - Seated (Max) - Thickness (Max) 0.035" (0.90mm)  Lead Spacing - Lead Style -  | Features                 | -                                     |
| Failure Rate         -           Mounting Type         Surface Mount, MLCC           Package / Case         0603 (1608 Metric)           Size / Dimension         0.063" L x 0.032" W (1.60mm x 0.81mm)           Height - Seated (Max)         -           Thickness (Max)         0.035" (0.90mm)           Lead Spacing         -           Lead Style         -  | Ratings                  | AEC-Q200                              |
| Mounting Type         Surface Mount, MLCC           Package / Case         0603 (1608 Metric)           Size / Dimension         0.063" L x 0.032" W (1.60mm x 0.81mm)           Height - Seated (Max)         -           Thickness (Max)         0.035" (0.90mm)           Lead Spacing         -           Lead Style         -   | Applications             | Automotive                            |
| Package / Case       0603 (1608 Metric)         Size / Dimension       0.063" L x 0.032" W (1.60mm x 0.81mm)         Height - Seated (Max)       -         Thickness (Max)       0.035" (0.90mm)         Lead Spacing       -         Lead Style       -   | Failure Rate             | -                                     |
| Size / Dimension       0.063" L x 0.032" W (1.60mm x 0.81mm)         Height - Seated (Max)       -         Thickness (Max)       0.035" (0.90mm)         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) 0.035" (0.90mm)  Lead Spacing -  Lead Style -  | Size / Dimension         | 0.063" L x 0.032" W (1.60mm x 0.81mm) |
| Lead Spacing - Lead Style -  | Height - Seated (Max)    | -                                     |
| Lead Style -   | Thickness (Max)          | 0.035" (0.90mm)                       |
| ·  | Lead Spacing             | -                                     |
| Report errors?   | Lead Style               | -                                     |
|  |                          | Report errors?                        |

#### 06035C821J4T2A 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.

## 06035C821J4T2A Payment Methods





















## 06035C821J4T2A Shipping Methods













If you have any question about 06035C821J4T2A, please do not hesitate to contact us!

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