

# 1808J0500221MDT

### 1808J0500221MDT Information

| C Heise     | Part Number<br>Manufacture<br>Category<br>Description<br>Package | 1808J0500221MDTrKnowles SyferCapacitorsCeramic CapacitorsCAP CER 220PF 50V X7R 18081808 (4520 Metric)For the pricing/inventory/lead time, please contact |                 |
|-------------|--|--|-----------------|
| For Referen | nce Only   | us<br>Website: https://www.heisener.com<br>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.



### 1808J0500221MDT Specifications

| ManufacturerKnowles SyferCategoryCapacitorsCaramic CapacitorsCeramic CapacitorsPackage1808 (4520 Metric)Series-Capacitance220pFColerance±20%Voltage - Rated50VCoperating TemperatureSor°C ~ 125°CPerturesHigh TemperatureApplications-Failure Rate-Safure RateSurfacePackage / CaseHigh ReliabilitySafure Rate-Safure Rate-SeriesSurface Mount, MLCCPackage / Case1808 (4520 Metric)Size / Dimension0.177" L x 0.079" W (4.50mm x 2.00mm) |                          |                                       |
|---|--------------------------|---------------------------------------|
| CategoryCapacitorsCategoryCeramic CapacitorsCeramic Capacitors1808 (4520 Metric)Package1808 (4520 Metric)Series-Capacitance220pFColerance±20%Voltage - Rated50VComperature CoefficientX7ROperating Temperature-55°C ~ 125°CFeaturesHigh TemperatureApplications-ApplicationsSurface Mount, MLCCPackage / Case1808 (4520 Metric)Size / Dimension0.177" L x 0.079" W (4.50mm x 2.00mm)Height - Seated (Max)-                                | Manufacturer Part Number | 1808J0500221MDT                       |
| Ceramic CapacitorsPackage1808 (4520 Metric)Package-Capacitance220pFColerance±20%Voltage - Rated50VFemperature CoefficientX7ROperating Temperature-55°C ~ 125°CFeaturesHigh TemperatureRatings-ApplicationsHigh ReliabilityFailure Rate-Package / Case1808 (4520 Metric)Size / Dimension0.177" L x 0.079" W (4.50mm x 2.00mm)Height - Seated (Max)-  | Manufacturer             | Knowles Syfer                         |
| Package1808 (4520 Metric)Geries-Capacitance220pFFolerance±20%Voltage - Rated50VTemperature CoefficientX7ROperating Temperature-55°C ~ 125°CVerturesHigh TemperatureRatings-ApplicationsHigh ReliabilityFailure Rate-Mounting TypeSurface Mount, MLCCPackage / Case1808 (4520 Metric)Size / Dimension0.177" L x 0.079" W (4.50mm x 2.00mm)Height - Seated (Max)-   | Category                 | Capacitors                            |
| Series-Capacitance220pFColerance±20%Voltage - Rated50VComperature CoefficientX7ROperating Temperature-55°C ~ 125°CFeaturesHigh TemperatureRatings-ApplicationsHigh ReliabilityFailure Rate-Mounting TypeSurface Mount, MLCCPackage / Case1808 (4520 Metric)Size / Dimension0.177" L x 0.079" W (4.50mm x 2.00mm)Height - Seated (Max)-  |                          | Ceramic Capacitors                    |
| Capacitance220pFColerance±20%Voltage - Rated50VVoltage - RatedX7RDeperature Coefficient.55°C ~ 125°COperating TemperatureHigh TemperatureSeatures-Ratings-ApplicationsHigh ReliabilitySailure Rate-Package / CaseSurface Mount, MLCCPackage / Case1808 (4520 Metric)Size / Dimension0.177" L x 0.079" W (4.50mm x 2.00mm)   | Package                  | 1808 (4520 Metric)                    |
| Folerance±20%Folerance50VVoltage - Rated50VFemperature CoefficientX7ROperating Temperature-55°C ~ 125°CFeaturesHigh TemperatureRatings-ApplicationsHigh ReliabilityFailure Rate-Mounting TypeSurface Mount, MLCCPackage / Case1808 (4520 Metric)Size / Dimension0.177" L x 0.079" W (4.50mm x 2.00mm)Height - Seated (Max)-   | Series                   | -                                     |
| Voltage - Rated50VFemperature CoefficientX7ROperating Temperature-55°C ~ 125°CFeaturesHigh TemperatureRatings-ApplicationsHigh ReliabilityFailure Rate-Mounting TypeSurface Mount, MLCCPackage / Case1808 (4520 Metric)Size / Dimension0.177" L x 0.079" W (4.50mm x 2.00mm)  | Capacitance              | 220pF                                 |
| Femperature CoefficientX7ROperating Temperature-55°C ~ 125°CFeaturesHigh TemperatureRatings-ApplicationsHigh ReliabilityFailure Rate-Aounting TypeSurface Mount, MLCCPackage / Case1808 (4520 Metric)Size / Dimension0.177" L x 0.079" W (4.50mm x 2.00mm)Height - Seated (Max)-  | Tolerance                | ±20%                                  |
| Deperating Temperature-55°C ~ 125°CFeaturesHigh TemperatureRatings-ApplicationsHigh ReliabilityFailure Rate-Mounting TypeSurface Mount, MLCCPackage / Case1808 (4520 Metric)Size / Dimension0.177" L x 0.079" W (4.50mm x 2.00mm)Height - Seated (Max)-   | Voltage - Rated          | 50V                                   |
| FeaturesHigh TemperatureRatings-ApplicationsHigh ReliabilityFailure Rate-Mounting TypeSurface Mount, MLCCPackage / Case1808 (4520 Metric)Size / Dimension0.177" L x 0.079" W (4.50mm x 2.00mm)Height - Seated (Max)-  | Temperature Coefficient  | X7R                                   |
| Ratings-ApplicationsHigh ReliabilityFailure Rate-Mounting TypeSurface Mount, MLCCPackage / Case1808 (4520 Metric)Size / Dimension0.177" L x 0.079" W (4.50mm x 2.00mm)Height - Seated (Max)-  | Operating Temperature    | -55°C ~ 125°C                         |
| ApplicationsHigh ReliabilityFailure Rate-Mounting TypeSurface Mount, MLCCPackage / Case1808 (4520 Metric)Size / Dimension0.177" L x 0.079" W (4.50mm x 2.00mm)Height - Seated (Max)-  | Features                 | High Temperature                      |
| Failure Rate-Mounting TypeSurface Mount, MLCCPackage / Case1808 (4520 Metric)Size / Dimension0.177" L x 0.079" W (4.50mm x 2.00mm)Height - Seated (Max)-  | Ratings                  | -                                     |
| Mounting TypeSurface Mount, MLCCPackage / Case1808 (4520 Metric)Size / Dimension0.177" L x 0.079" W (4.50mm x 2.00mm)Height - Seated (Max)-   | Applications             | High Reliability                      |
| Package / Case   1808 (4520 Metric)     Size / Dimension   0.177" L x 0.079" W (4.50mm x 2.00mm)     Height - Seated (Max)   -  | Failure Rate             | -                                     |
| Size / Dimension 0.177" L x 0.079" W (4.50mm x 2.00mm)   Height - Seated (Max) -  | Mounting Type            | Surface Mount, MLCC                   |
| - Height - Seated (Max)   | Package / Case           | 1808 (4520 Metric)                    |
|   | Size / Dimension         | 0.177" L x 0.079" W (4.50mm x 2.00mm) |
| Chickness (Max)   0.079" (2.00mm)   | Height - Seated (Max)    | -                                     |
|   | Thickness (Max)          | 0.079" (2.00mm)                       |
| Lead Spacing -  | Lead Spacing             | -                                     |
| Lead Style -  | Lead Style               | -                                     |
| Report errors?  |                          | Report errors?                        |

#### 1808J0500221MDT 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.

### 1808J0500221MDT Payment Methods





If you have any question about 1808J0500221MDT, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com