



#### 1812J0500185KXT Information

Heisener.com

Part Number Manufacturer Knowles Syfer Category

1812J0500185KXT

Capacitors

Ceramic Capacitors

**Description** CAP CER 1.8UF 50V X7R 1812

1812 (4532 Metric) **Package** 

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.









# 1812J0500185KXT Specifications

Manufacturer Part Number         1812J0500185KXT           Manufacturer         Knowles Syfer           Category         Capacitors           Package         1812 (4532 Metric)           Series         -           Capacitance         1.8µF           Tolerance         ±10%           Voltage - Rated         50V           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         1812 (4532 Metric)           Size / Dimension         0.177" L x 0.126" W (4.50mm x 3.20mm)           Height - Seated (Max)         -           Thickness (Max)         0.098" (2.50mm)           Lead Spacing         -           Lead Spacing         -           Lead Style         -		
Category         Capacitors           Package         1812 (4532 Metric)           Series         -           Capacitance         1.8µF           Tolerance         ±10%           Voltage - Rated         50V           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         1812 (4532 Metric)           Size / Dimension         0.177" L x 0.126" W (4.50mm x 3.20mm)           Height - Seated (Max)         -           Thickness (Max)         0.098" (2.50mm)           Lead Spacing         -           Lead Style         -	Manufacturer Part Number	1812J0500185KXT
Package         1812 (4532 Metric)           Series         -           Capacitance         1.8μF           Tolerance         ±10%           Voltage - Rated         50V           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         1812 (4532 Metric)           Size / Dimension         0.177" L x 0.126" W (4.50mm x 3.20mm)           Height - Seated (Max)         -           Thickness (Max)         0.098" (2.50mm)           Lead Spacing         -           Lead Style         -	Manufacturer	Knowles Syfer
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Series         -           Capacitance         1.8μF           Tolerance         ±10%           Voltage - Rated         50V           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         1812 (4532 Metric)           Size / Dimension         0.177" L x 0.126" W (4.50mm x 3.20mm)           Height - Seated (Max)         -           Thickness (Max)         0.098" (2.50mm)           Lead Spacing         -           Lead Style         -		Ceramic Capacitors
Capacitance         1.8µF           Tolerance         ±10%           Voltage - Rated         50V           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         1812 (4532 Metric)           Size / Dimension         0.177" L x 0.126" W (4.50mm x 3.20mm)           Height - Seated (Max)         -           Thickness (Max)         0.098" (2.50mm)           Lead Spacing         -           Lead Style         -	Package	1812 (4532 Metric)
Tolerance         ±10%           Voltage - Rated         50V           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         1812 (4532 Metric)           Size / Dimension         0.177" L x 0.126" W (4.50mm x 3.20mm)           Height - Seated (Max)         -           Thickness (Max)         0.098" (2.50mm)           Lead Spacing         -           Lead Style         -	Series	-
Voltage - Rated50VTemperature CoefficientX7R (2R1)Operating Temperature-55°C ~ 125°CFeaturesEpoxy MountableRatings-ApplicationsAutomotiveFailure Rate-Mounting TypeSurface Mount, MLCCPackage / Case1812 (4532 Metric)Size / Dimension0.177" L x 0.126" W (4.50mm x 3.20mm)Height - Seated (Max)-Thickness (Max)0.098" (2.50mm)Lead Spacing-Lead Style-	Capacitance	1.8μF
Temperature Coefficient  ATR (2R1)  Operating Temperature  -55°C ~ 125°C  Features  Epoxy Mountable  Ratings  - Applications  Failure Rate  - Mounting Type  Surface Mount, MLCC  Package / Case  1812 (4532 Metric)  Size / Dimension  0.177" L x 0.126" W (4.50mm x 3.20mm)  Height - Seated (Max)  Thickness (Max)  0.098" (2.50mm)  Lead Spacing  - Lead Style	Tolerance	±10%
Operating Temperature-55°C ~ 125°CFeaturesEpoxy MountableRatings-ApplicationsAutomotiveFailure Rate-Mounting TypeSurface Mount, MLCCPackage / Case1812 (4532 Metric)Size / Dimension0.177" L x 0.126" W (4.50mm x 3.20mm)Height - Seated (Max)-Thickness (Max)0.098" (2.50mm)Lead Spacing-Lead Style-	Voltage - Rated	50V
Features Epoxy Mountable Ratings - Applications Automotive Failure Rate - Mounting Type Surface Mount, MLCC Package / Case 1812 (4532 Metric) Size / Dimension 0.177" L x 0.126" W (4.50mm x 3.20mm) Height - Seated (Max) - Thickness (Max) 0.098" (2.50mm) Lead Spacing - Lead Style -	Temperature Coefficient	X7R (2R1)
Ratings - Automotive Failure Rate - Surface Mount, MLCC Package / Case 1812 (4532 Metric) Size / Dimension 0.177" L x 0.126" W (4.50mm x 3.20mm) Height - Seated (Max) - Thickness (Max) 0.098" (2.50mm) Lead Spacing - Lead Style	Operating Temperature	-55°C ~ 125°C
Applications Automotive Failure Rate - Mounting Type Surface Mount, MLCC Package / Case 1812 (4532 Metric) Size / Dimension 0.177" L x 0.126" W (4.50mm x 3.20mm) Height - Seated (Max) - Thickness (Max) 0.098" (2.50mm) Lead Spacing - Lead Style -	Features	Epoxy Mountable
Failure Rate - Mounting Type Surface Mount, MLCC Package / Case 1812 (4532 Metric) Size / Dimension 0.177" L x 0.126" W (4.50mm x 3.20mm) Height - Seated (Max) - Thickness (Max) 0.098" (2.50mm) Lead Spacing - Lead Style -	Ratings	-
Mounting Type Surface Mount, MLCC Package / Case 1812 (4532 Metric) Size / Dimension 0.177" L x 0.126" W (4.50mm x 3.20mm) Height - Seated (Max) - Thickness (Max) 0.098" (2.50mm) Lead Spacing - Lead Style -	Applications	Automotive
Package / Case       1812 (4532 Metric)         Size / Dimension       0.177" L x 0.126" W (4.50mm x 3.20mm)         Height - Seated (Max)       -         Thickness (Max)       0.098" (2.50mm)         Lead Spacing       -         Lead Style       -	Failure Rate	-
Size / Dimension       0.177" L x 0.126" W (4.50mm x 3.20mm)         Height - Seated (Max)       -         Thickness (Max)       0.098" (2.50mm)         Lead Spacing       -         Lead Style       -	Mounting Type	Surface Mount, MLCC
Height - Seated (Max)  Thickness (Max)  Lead Spacing  Lead Style  -  -  -  -  -  -  -  -  -  -  -  -  -	Package / Case	1812 (4532 Metric)
Thickness (Max) 0.098" (2.50mm)  Lead Spacing -  Lead Style -	Size / Dimension	0.177" L x 0.126" W (4.50mm x 3.20mm)
Lead Spacing - Lead Style -	Height - Seated (Max)	-
Lead Style -	Thickness (Max)	0.098" (2.50mm)
·	Lead Spacing	-
Report errors?	Lead Style	-
		Report errors?

### 1812J0500185KXT 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.

## 1812J0500185KXT Payment Methods



















## 1812J0500185KXT Shipping Methods













If you have any question about 1812J0500185KXT, please do not hesitate to contact us!

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