



1812SC162KAT1A Information



For Reference Only

Part Number 1812SC162KAT1A Manufacturer AVX Corporation

Category Capacitors

Ceramic Capacitors

Description CAP CER 1600PF 1.5KV X7R 1812

Package 1812 (4532 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.









1812SC162KAT1A Specifications

| Manufacturer Part Number 1812SC162KAT1A Manufacturer AVX Corporation Category Capacitors Package 1812 (4532 Metric) Series - Capacitance 1600pF Tolerance ±10% Voltage - Rated 1500V (1.5kV) Temperature Coefficient X7R Operating Temperature -55°C ~ 125°C Features High Voltage Ratings - Applications General Purpose 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) 0.100" (2.54mm) Lead Spacing - Lead Style - | | |
|---|--------------------------|---------------------------------------|
| Category Capacitors Package 1812 (4532 Metric) Series - Capacitance 1600pF Tolerance ±10% Voltage - Rated 1500V (1.5kV) Temperature Coefficient X7R Operating Temperature -55°C ~ 125°C Features High Voltage Ratings - Applications General Purpose 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) 0.100" (2.54mm) Lead Spacing - Lead Style - | Manufacturer Part Number | 1812SC162KAT1A |
| Package 1812 (4532 Metric) Series - Capacitance 1600pF Tolerance ±10% Voltage - Rated 1500V (1.5kV) Temperature Coefficient X7R Operating Temperature -55°C ~ 125°C Features High Voltage Ratings - Applications General Purpose 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) 0.100" (2.54mm) Lead Spacing - Lead Style - | Manufacturer | AVX Corporation |
| Package 1812 (4532 Metric) Series - Capacitance 1600pF Tolerance ±10% Voltage - Rated 1500V (1.5kV) Temperature Coefficient X7R Operating Temperature -55°C ~ 125°C Features High Voltage Ratings - Applications General Purpose 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) 0.100" (2.54mm) Lead Spacing - Lead Style - | Category | Capacitors |
| Series - Capacitance 1600pF Tolerance ±10% Voltage - Rated 1500V (1.5kV) Temperature Coefficient X7R Operating Temperature -55°C ~ 125°C Features High Voltage Ratings - Applications General Purpose 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) 0.100" (2.54mm) Lead Spacing - Lead Style - | | Ceramic Capacitors |
| Capacitance 1600pF Tolerance ±10% Voltage - Rated 1500V (1.5kV) Temperature Coefficient X7R Operating Temperature -55°C ~ 125°C Features High Voltage Ratings - Applications General Purpose 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) 0.100" (2.54mm) Lead Spacing - Lead Style - | Package | 1812 (4532 Metric) |
| Tolerance ±10% Voltage - Rated 1500V (1.5kV) Temperature Coefficient X7R Operating Temperature -55°C ~ 125°C Features High Voltage Ratings - Applications General Purpose 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) 0.100" (2.54mm) Lead Spacing - Lead Style - | Series | - |
| Voltage - Rated Temperature Coefficient X7R Operating Temperature -55°C ~ 125°C Features High Voltage Ratings - Applications General Purpose 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) 0.100" (2.54mm) Lead Spacing - Lead Style 1500V (1.5kV) X7R X7R X7R X7R X7R X7R X7R X7 | Capacitance | 1600pF |
| Temperature Coefficient A7R Operating Temperature -55°C ~ 125°C Features High Voltage Ratings - Applications General Purpose Failure Rate - Mounting Type Surface Mount, MLCC Package / Case 1812 (4532 Metric) Size / Dimension Height - Seated (Max) Thickness (Max) Lead Spacing - Lead Style | Tolerance | ±10% |
| Operating Temperature -55°C ~ 125°C Features High Voltage Ratings - Applications General Purpose 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) 0.100" (2.54mm) Lead Spacing - Lead Style - | Voltage - Rated | 1500V (1.5kV) |
| Features High Voltage Ratings - Applications General Purpose 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) 0.100" (2.54mm) Lead Spacing - Lead Style - | Temperature Coefficient | X7R |
| Ratings - General Purpose 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) 0.100" (2.54mm) Lead Spacing - Lead Style | Operating Temperature | -55°C ~ 125°C |
| Applications General Purpose 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) 0.100" (2.54mm) Lead Spacing - Lead Style - | Features | High Voltage |
| 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) 0.100" (2.54mm) 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) 0.100" (2.54mm) Lead Spacing - Lead Style - | Applications | General Purpose |
| Package / Case 1812 (4532 Metric) Size / Dimension 0.177" L x 0.126" W (4.50mm x 3.20mm) Height - Seated (Max) - Thickness (Max) 0.100" (2.54mm) 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) 0.100" (2.54mm) 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) 0.100" (2.54mm) 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) | 0.100" (2.54mm) |
| · | Lead Spacing | - |
| Report errors? | Lead Style | - |
| Report offors. | | Report errors? |

1812SC162KAT1A 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.

1812SC162KAT1A Payment Methods



















1812SC162KAT1A Shipping Methods













If you have any question about 1812SC162KAT1A, please do not hesitate to contact us!

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