



# 600S120JT250XT Information



For Reference Only

Part Number 600S120JT250XT

Manufacturer American Technical Ceramics

**Category** Capacitors

Ceramic Capacitors

**Description** CAP CER 12PF 250V C0G/NP0 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.









# 600S120JT250XT Specifications

Manufacturer Part Number         6008120JT250XT           Manufacturer         American Technical Ceramics           Category         Capacitors           Package         0603 (1608 Metric)           Series         ATC 600S           Capacitance         12pF           Tolerance         ±5%           Voltage - Rated         250V           Temperature Coefficient         C0G, NPO           Operating Temperature         -55°C ~ 125°C           Features         High Q, Low Loss, Ultra Low ESR           Ratings         -           Applications         RF, Microwave, High Frequency           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" (0.89mm)           Lead Spacing         -           Lead Spacing         -           Lead Style         -		
Category         Capacitors           Package         0603 (1608 Metric)           Series         ATC 600S           Capacitance         12pF           Tolerance         ±5%           Voltage - Rated         250V           Temperature Coefficient         C0G, NP0           Operating Temperature         -55°C ~ 125°C           Features         High Q, Low Loss, Ultra Low ESR           Ratings         -           Applications         RF, Microwave, High Frequency           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" (0.89mm)           Lead Spacing         -           Lead Style         -	Manufacturer Part Number	600S120JT250XT
Package         0603 (1608 Metric)           Series         ATC 600S           Capacitance         12pF           Tolerance         ±5%           Voltage - Rated         250V           Temperature Coefficient         C0G, NP0           Operating Temperature         -55°C ~ 125°C           Features         High Q, Low Loss, Ultra Low ESR           Ratings         -           Applications         RF, Microwave, High Frequency           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" (0.89mm)           Lead Spacing         -           Lead Style         -	Manufacturer	American Technical Ceramics
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Capacitance       12pF         Tolerance       ±5%         Voltage - Rated       250V         Temperature Coefficient       C0G, NP0         Operating Temperature       -55°C ~ 125°C         Features       High Q, Low Loss, Ultra Low ESR         Ratings       -         Applications       RF, Microwave, High Frequency         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" (0.89mm)         Lead Spacing       -         Lead Style       -	Package	0603 (1608 Metric)
Tolerance         ±5%           Voltage - Rated         250V           Temperature Coefficient         C0G, NP0           Operating Temperature         -55°C ~ 125°C           Features         High Q, Low Loss, Ultra Low ESR           Ratings         -           Applications         RF, Microwave, High Frequency           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" (0.89mm)           Lead Spacing         -           Lead Style         -	Series	ATC 600S
Voltage - Rated250VTemperature CoefficientC0G, NP0Operating Temperature-55°C ~ 125°CFeaturesHigh Q, Low Loss, Ultra Low ESRRatings-ApplicationsRF, Microwave, High FrequencyFailure 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" (0.89mm)Lead Spacing-Lead Style-	Capacitance	12pF
Temperature Coefficient  Operating Temperature  -55°C ~ 125°C  Features  High Q, Low Loss, Ultra Low ESR  Ratings  - Applications  RF, Microwave, High Frequency  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" (0.89mm)  Lead Spacing  - Lead Style	Tolerance	±5%
Operating Temperature -55°C ~ 125°C Features High Q, Low Loss, Ultra Low ESR Ratings - Applications RF, Microwave, High Frequency 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" (0.89mm) Lead Spacing - Lead Style -	Voltage - Rated	250V
Features High Q, Low Loss, Ultra Low ESR  Ratings - RF, Microwave, High Frequency  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" (0.89mm)  Lead Spacing - Lead Style - Communication of the state of the	Temperature Coefficient	C0G, NP0
Ratings - Applications RF, Microwave, High Frequency 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" (0.89mm) Lead Spacing - Lead Style - Output Description	Operating Temperature	-55°C ~ 125°C
Applications RF, Microwave, High Frequency 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" (0.89mm) Lead Spacing - Lead Style -	Features	High Q, Low Loss, Ultra Low ESR
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" (0.89mm) Lead Spacing - Lead Style -	Ratings	-
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" (0.89mm) Lead Spacing - Lead Style -	Applications	RF, Microwave, High Frequency
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" (0.89mm)         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" (0.89mm)         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" (0.89mm)  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" (0.89mm)
·	Lead Spacing	-
Report errors?	Lead Style	-
		Report errors?

### 600S120JT250XT 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.

# 600S120JT250XT Payment Methods





















### 600S120JT250XT Shipping Methods













If you have any question about 600S120JT250XT, please do not hesitate to contact us!

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