

# C0603X7R1C102K

#### C0603X7R1C102K Information

www.heisener.com	 C0603X7R1C102K TDK Corporation Capacitors Ceramic Capacitors CAP CER 1000PF 16V X7R 0201 0201 (0603 Metric) For the pricing/inventory/lead time, please contact	
For Reference Only	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.



### C0603X7R1C102K Specifications

ManufacturerTDK CorporationCapacitorsPackageCeramic CapacitorsPackage2001 (0603 Metric)SeriesCCapacitance1000pFTolerance±10%Voltage - Rated6VTomperature Coefficient55°C ~ 125°CPactangs-Ratings-ApplicationsGeneral PurposeFailure Rate-Mounting TypeSurface Mount, MLCCPackage / Case0201 (0603 Metric)Size / Dimension0.024" L x 0.012" W (0.60mm x 0.30mm)Height - Seated (Max)-Height - Seated (Max)-Lead Spacing-Seated Spacing-Starten Starten S		
Capacitors       Package     0201 (0603 Metric)       Series     0201 (0603 Metric)       Capacitance     000pF       Capacitance     ±10%       Voltage - Rated     16V       Perture Coefficient     55°C ~ 125°C       Operating Temperature     -55°C ~ 125°C       Package     -       Applications     General Purpose       Failure Rate     -       Mounting Type     Surface Mount, MLCC       Package / Case     0201 (0603 Metric)       Size / Dimension     0.024" L x 0.012" W (0.60mm x 0.30mm)       Height - Seated (Max)     -       Height - Seated (Max)     -       Lead Spacing     -	Manufacturer Part Number	C0603X7R1C102K
Ceramic CapacitorsPackage0201 (0603 Metric)SeriesCCapacitance1000pFtolerance±10%Voltage - Rated16VTemperature CoefficientX7ROperating Temperature-55°C ~ 125°CFeatures-Ratings-ApplicationsGeneral PurposeFailure Rate-Mounting TypeSurface Mount, MLCCPackage / Case0201 (0603 Metric)Size / Dimension0.024" L x 0.012" W (0.60mm x 0.30mm)Height - Seated (Max)-Thickness (Max)-Lead Spacing-Lead Style-	Manufacturer	TDK Corporation
Package0201 (0603 Metric)SeriesCCapacitance1000pFTolerance±10%Voltage - Rated6VTomperature CoefficientX7ROperating Temperature-55°C ~ 125°CFeatures-Ratings-ApplicationsGeneral PurposeFailure Rate-Mounting TypeSurface Mount, MLCCPackage / Case0201 (0603 Metric)Size / Dimension0.024" L x 0.012" W (0.60mm x 0.30mm)Height - Seated (Max)-Thickness (Max)0.013" (0.33mm)Lead Spacing-Lead Style-	Category	Capacitors
SeriesCCapacitance1000pFTolerance±10%Voltage - Rated16VTemperature CoefficientX7ROperating Temperature-55°C ~ 125°CFeatures-Ratings-ApplicationsGeneral PurposeFailure Rate-Mounting TypeSurface Mount, MLCCPackage / Case0201 (0603 Metric)Size / Dimension0.024" L x 0.012" W (0.60mm x 0.30mm)Height - Seated (Max)-Thickness (Max)0.013" (0.33mm)Lead Spacing-Lead Style-		Ceramic Capacitors
Capacitance1000pFTolerance±10%Voltage - Rated16VTemperature CoefficientX7ROperating Temperature-55°C ~ 125°CFeatures-Fatures-ApplicationsGeneral PurposeFailure Rate-Mounting Type0201 (0603 Metric)Size / Dimension0.024" L x 0.012" W (0.60mm x 0.30mm)Height - Seated (Max)-Thickness (Max)0.013" (0.33mm)Lead Spacing-Style-Lead Style-	Package	0201 (0603 Metric)
Tolerance±10%Tolerance±16%Voltage - Rated16%Temperature CoefficientX7ROperating Temperature-55°C ~ 125°CFeatures-Ratings-ApplicationsGeneral PurposeFailure Rate-Mounting TypeSurface Mount, MLCCPackage / Case0201 (0603 Metric)Size / Dimension0.024" L x 0.012" W (0.60mm x 0.30mm)Height - Seated (Max)-Thickness (Max)0.013" (0.33mm)Lead Style-	Series	С
Voltage - Rated16VTemperature CoefficientX7ROperating Temperature-55°C ~ 125°CFeatures-Ratings-ApplicationsGeneral PurposeFailure Rate-Mounting TypeSurface Mount, MLCCPackage / Case0201 (0603 Metric)Size / Dimension-Height - Seated (Max)-Lead Spacing0.013" (0.33mm)Lead Style-	Capacitance	1000pF
Temperature CoefficientX7ROperating Temperature-55°C ~ 125°CFeatures-Ratings-ApplicationsGeneral PurposeFailure Rate-Mounting TypeSurface Mount, MLCCPackage / Case0201 (0603 Metric)Size / Dimension0.024" L x 0.012" W (0.60mm x 0.30mm)Height - Seated (Max)-Thickness (Max)0.013" (0.33mm)Lead Spacing-Lead Style-	Tolerance	±10%
Operating Temperature     -55°C ~ 125°C       Features     -       Ratings     -       Applications     General Purpose       Failure Rate     -       Mounting Type     Surface Mount, MLCC       Package / Case     0201 (0603 Metric)       Size / Dimension     0.024" L x 0.012" W (0.60mm x 0.30mm)       Height - Seated (Max)     -       Thickness (Max)     0.013" (0.33mm)       Lead Spacing     -	Voltage - Rated	16V
Features-Ratings-ApplicationsGeneral PurposeFailure Rate-Mounting TypeSurface Mount, MLCCPackage / Case0201 (0603 Metric)Size / Dimension0.024" L x 0.012" W (0.60mm x 0.30mm)Height - Seated (Max)-Thickness (Max)0.013" (0.33mm)Lead Spacing-Head Style-	Temperature Coefficient	X7R
Ratings-ApplicationsGeneral PurposeFailure Rate-Mounting TypeSurface Mount, MLCCPackage / Case0201 (0603 Metric)Size / Dimension0.024" L x 0.012" W (0.60mm x 0.30mm)Height - Seated (Max)-Thickness (Max)0.013" (0.33mm)Lead Spacing-Height - Seated (Max)-	Operating Temperature	-55°C ~ 125°C
ApplicationsGeneral PurposeFailure Rate-Mounting TypeSurface Mount, MLCCPackage / Case0201 (0603 Metric)Size / Dimension0.024" L x 0.012" W (0.60mm x 0.30mm)Height - Seated (Max)-Thickness (Max)0.013" (0.33mm)Lead Spacing-Lead Style-	Features	-
Failure Rate-Mounting TypeSurface Mount, MLCCPackage / Case0201 (0603 Metric)Size / Dimension0.024" L x 0.012" W (0.60mm x 0.30mm)Height - Seated (Max)-Thickness (Max)0.013" (0.33mm)Lead Spacing-Lead Style-	Ratings	-
Mounting TypeSurface Mount, MLCCPackage / Case0201 (0603 Metric)Size / Dimension0.024" L x 0.012" W (0.60mm x 0.30mm)Height - Seated (Max)-Thickness (Max)0.013" (0.33mm)Lead Spacing-Lead Style-	Applications	General Purpose
Package / Case0201 (0603 Metric)Size / Dimension0.024" L x 0.012" W (0.60mm x 0.30mm)Height - Seated (Max)-Thickness (Max)0.013" (0.33mm)Lead Spacing-Lead Style-	Failure Rate	-
Size / Dimension   0.024" L x 0.012" W (0.60mm x 0.30mm)     Height - Seated (Max)   -     Thickness (Max)   0.013" (0.33mm)     Lead Spacing   -     Lead Style   -	Mounting Type	Surface Mount, MLCC
Height - Seated (Max)-Thickness (Max)0.013" (0.33mm)Lead Spacing-Lead Style-	Package / Case	0201 (0603 Metric)
Thickness (Max)0.013" (0.33mm)Lead Spacing-Lead Style-	Size / Dimension	0.024" L x 0.012" W (0.60mm x 0.30mm)
Lead Spacing -   Lead Style -	Height - Seated (Max)	-
Lead Style -	Thickness (Max)	0.013" (0.33mm)
·	Lead Spacing	-
Report errors?	Lead Style	-
		Report errors?

#### C0603X7R1C102K 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 ELARANTEE

#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

#### C0603X7R1C102K Payment Methods





If you have any question about C0603X7R1C102K, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com