

# MA-306 20.0000M-G0:ROHS

#### MA-306 20.0000M-G0:ROHS Information



 

 Part Number
 MA-306 20.0000M-G0:ROHS

 Manufacturer
 EPSON

 Category
 Crystals, Oscillators, Resonators Crystals

 Description
 CRYSTAL 20.00 MHZ 20.0PF SMD

 Package
 4-SOJ, 5.50mm pitch For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com



Request a Quote

For Reference Only

### **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.



## MA-306 20.0000M-G0:ROHS Specifications

Manufacturer Part Number         MA-306 20.0000M-G0:ROHS           Manufacturer         EPSON           Category         Crystals, Oscillators, Resonators           Category         Crystals           Package         4.SOI, 5.50mm pitch           Series         MA-306           Type         MHz Crystal           Frequency         20MHz           Frequency Stability         ±30ppm           Frequency Tolerance         ±50ppm           Load Capacitance         20pF           Operating Mode         Fundamental           Operating Temperature         -20°C ~ 70°C           Ratings         -           Mounting Type         Surface Mount           Size / Dimension         0.315" L x 0.126" W (8.00mm x 3.20mm)           Height - Seated (Max)         0.100" (2.54mm)			
CategoryCrystals, Oscillators, ResonatorsCrystalsPackage4-SOJ, 5.50mm pitchSeriesMA-306TypeMHz CrystalTrequency20MHzFrequency Stability±30pmFrequency Tolerance20pFLoad Capacitance60 OhmOperating ModeFundamentalOperating Temperature-20°C ~ 70°CRatings-Mounting TypeSurface MountPackage / Case0.315" L x 0.126" W (8.00mm x 3.20mm)Height - Seated (Max)0.100" (2.54mm)	Manufacturer Part Number	MA-306 20.0000M-G0:ROHS	
CrystalsPackage4-SOJ, 5.50mn pitchSeriesMA-306TypeMHz CrystalTrequency20MHzFrequency Stability±30ppmFrequency Tolerance±50ppmLoad Capacitance20pFESR (Equivalent Series Resistance)60 OhmOperating ModeFundamentalOperating Temperature-20°C ~ 70°CRatings-Nounting TypeSurface MountPackage / Case4-SOJ, 5.50mn pitchSize / Dimension0.315" L x 0.126" W (8.00mm x 3.20mm)Height - Seated (Max)0.100" (2.54mm)	Manufacturer	EPSON	
Package4-SOJ, 5.50mm pitchSeriesMA-306TypeMHz CrystalTrequency20MHzFrequency Stability±30ppmFrequency Tolerance±50ppmLoad Capacitance20pFESR (Equivalent Series Resistance)60 OhmOperating Temperature-0°C ~ 70°CRatings-Mounting TypeSurface MountPackage / Case4-SOJ, 5.50mm pitchSize / Dimension0.315" L x 0.126" W (8.00mm x 3.20mm)Height - Seated (Max)0.100" (2.54mm)	Category	Crystals, Oscillators, Resonators	
SeriesMA-306TypeMHz CrystalFrequency20MHzFrequency Stability±30ppmFrequency Tolerance±50ppmLoad Capacitance20pFSER (Equivalent Series Resistance)60 OhmOperating ModeFundamentalOperating Temperature-20°C ~ 70°CRatings-Mounting TypeSurface MountPackage / Case4-SOJ, 5.50mm pitchSize / Dimension0.100" (2.54mm)		Crystals	
Type         MHz Crystal           Frequency         20MHz           Frequency Stability         ±30pm           Frequency Tolerance         ±50pm           Load Capacitance         20pF           ESR (Equivalent Series Resistance)         60 Ohm           Operating Mode         Fundamental           Operating Temperature         -20°C ~ 70°C           Ratings         -           Mounting Type         Surface Mount           Package / Case         4-SOJ, 550mm pitch           Size / Dimension         0.315" L x 0.126" W (8.00mm x 3.20mm)	Package	4-SOJ, 5.50mm pitch	
Frequency20MHzFrequency Stability±30ppmFrequency Tolerance±50ppmLoad Capacitance20pFESR (Equivalent Series Resistance)60 OhmOperating ModeFundamentalOperating Temperature-20°C ~ 70°CRatings-Mounting TypeSurface MountPackage / Case4-SOJ, 5.50mm pitchSize / Dimension0.315" L x 0.126" W (8.00mm x 3.20mm)Height - Seated (Max)0.100" (2.54mm)	Series	MA-306	
Frequency Stability±30ppmFrequency Tolerance±50ppmLoad Capacitance20pFESR (Equivalent Series Resistance)60 OhmOperating ModeFundamentalOperating Temperature-20°C ~ 70°CRatings-Mounting TypeSurface MountPackage / Case4.SOJ, 5.50mm pitchSize / Dimension0.315" L x 0.126" W (8.00mm x 3.20mm)Height - Seated (Max)0.100" (2.54mm)	Туре	MHz Crystal	
Frequency Tolerance±50pmLoad Capacitance20pFESR (Equivalent Series Resistance)60 OhmOperating ModeFundamentalOperating Temperature-20°C ~ 70°CRatings-Mounting TypeSurface MountPackage / Case4-SOJ, 5.50mm pitchSize / Dimension0.315" L x 0.126" W (8.00mm x 3.20mm)Height - Seated (Max)0.100" (2.54mm)	Frequency	20MHz	
Load Capacitance20pFESR (Equivalent Series Resistance)60 OhmOperating ModeFundamentalOperating Temperature-20°C ~ 70°CRatings-Mounting TypeSurface MountPackage / Case4-SOJ, 5.50mm pitchSize / Dimension0.315" L x 0.126" W (8.00mm x 3.20mm)Height - Seated (Max)0.100" (2.54mm)	Frequency Stability	±30ppm	
ESR (Equivalent Series Resistance)60 OhmOperating ModeFundamentalOperating Temperature-20°C ~ 70°CRatings-Mounting TypeSurface MountPackage / Case4-SOJ, 5.50mm pitchSize / Dimension0.315" L x 0.126" W (8.00mm x 3.20mm)Height - Seated (Max)0.100" (2.54mm)	Frequency Tolerance	±50ppm	
Operating Mode         Fundamental           Operating Temperature         -20°C ~ 70°C           Ratings         -           Mounting Type         Surface Mount           Package / Case         4-SOJ, 5.50mm pitch           Size / Dimension         0.315" L x 0.126" W (8.00mm x 3.20mm)           Height - Seated (Max)         0.100" (2.54mm)	Load Capacitance	20pF	
Operating Temperature       -20°C ~ 70°C         Ratings       -         Mounting Type       Surface Mount         Package / Case       4-SOJ, 5.50mm pitch         Size / Dimension       0.315" L x 0.126" W (8.00mm x 3.20mm)         Height - Seated (Max)       0.100" (2.54mm)	ESR (Equivalent Series Resistance)	60 Ohm	
Ratings-Mounting TypeSurface MountPackage / Case4-SOJ, 5.50mm pitchSize / Dimension0.315" L x 0.126" W (8.00mm x 3.20mm)Height - Seated (Max)0.100" (2.54mm)	Operating Mode	Fundamental	
Mounting Type         Surface Mount           Package / Case         4-SOJ, 5.50mm pitch           Size / Dimension         0.315" L x 0.126" W (8.00mm x 3.20mm)           Height - Seated (Max)         0.100" (2.54mm)	Operating Temperature	$-20^{\circ}\mathrm{C} \sim 70^{\circ}\mathrm{C}$	
Package / Case         4-SOJ, 5.50mm pitch           Size / Dimension         0.315" L x 0.126" W (8.00mm x 3.20mm)           Height - Seated (Max)         0.100" (2.54mm)	Ratings	-	
Size / Dimension         0.315" L x 0.126" W (8.00mm x 3.20mm)           Height - Seated (Max)         0.100" (2.54mm)	Mounting Type	Surface Mount	
Height - Seated (Max) 0.100" (2.54mm)	Package / Case	4-SOJ, 5.50mm pitch	
	Size / Dimension	0.315" L x 0.126" W (8.00mm x 3.20mm)	
Report errors?	Height - Seated (Max)	0.100" (2.54mm)	
		Report error	rs?

#### MA-306 20.0000M-G0:ROHS 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 EVARANTEE

#### **Service Guarantees**

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

#### MA-306 20.0000M-G0:ROHS Payment Methods





If you have any question about MA-306 20.0000M-G0:ROHS, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com