

# ERJ-MP3KF1M0U

#### **ERJ-MP3KF1M0U Information**

| www.heisener.com   | Part Number<br>Manufacturer<br>Category<br>Description<br>Package | ERJ-MP3KF1M0U<br>Panasonic Electronic Components<br>Resistors<br>Chip Resistor - Surface Mount<br>RES SMD 0.001 OHM 1% 1/2W 2010<br>2010 (5025 Metric)<br>For the pricing/inventory/lead time, please contact |                 |
|--------------------|---|---|-----------------|
| For Reference Only |   | us<br>Website: https://www.heisener.com<br>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.



## ERJ-MP3KF1M0U Specifications

| Manufacturer Part Number ERJ-MP3KF1M0U   Manufacturer Panasonic Electronic Components   Category Resistors   Chip Resistor - Surface Mount Chip Resistor - Surface Mount   Package 2010 (5025 Metric)   Series ERJ   Resistance 1 mOhms   Tolerance ±1%   Power (Watts) 0.5W, 1/2W   Composition Metal Element   Features Automotive AEC-Q200, Current Sense, Moisture Resistant   Power (Vatts) -65°C ~ 170°C   Operating Temperature 65°C ~ 170°C   Stappl / Case 2010 (5025 Metric)   Stappl / Case 2010 (5025 Metric)   Stappl / Case 2010 (5025 Metric)   Number of Terminations 0.497 "L x 0.098" W (5.00mm x 2.50mm)   Number of Terminations 2   Failure Rate - |                          |  |                |
|---|--------------------------|--|----------------|
| CategoryResistorCategoryResistor - Surface MountPackage2010 (5025 Metric)PackageERJResistance1 mOhmsTolerance±1%Power (Watts)0.5W, 1/2WCompositionMetal ElementFeaturesAutomotive AEC-Q200, Current Sense, Moisture ResistantTemperature Coefficient±75ppm/°COperating Temperature-65°C ~ 170°CPackage / Case2010 (5025 Metric)Supplier Device Package2010Size / Dimension0.197" L x 0.098" W (5.00mm x 2.50mm)Height - Seated (Max)0Number of Terminations2Failure Rate-   | Manufacturer Part Number | ERJ-MP3KF1M0U  |                |
| Chip Resistor - Surface MountPackage2010 (5025 Metric)SeriesERJResistance1 mOhmsTolerance±1%Power (Wats)0.5W, 1/2WCompositionMetal ElementFeaturesAutomotive AEC-Q200, Current Sense, Moisture ResistantTemperature Coefficient±75pm/°COperating Temperature-65°C ~ 170°CPackage / Case2010 (5025 Metric)Supplier Device Package0.197" L x 0.098" W (5.00mm x 2.50mm)Height - Seated (Max)0.045" (1.15mm)Number of Terminations2Failure Rate-   | Manufacturer             | Panasonic Electronic Components                        |                |
| Package2010 (5025 Metric)SeriesERJResistance1 mOhmsTolerance±1%Power (Watts)0.5W, 1/2WCompositionMetal ElementFeaturesAutomotive AEC-Q200, Current Sense, Moisture ResistantTemperature Coefficient±75pm/°COperating Temperature-65°C ~ 170°CPackage / Case2010 (5025 Metric)Supplier Device Package0.197" L x 0.098" W (5.00mm x 2.50mm)Height - Seated (Max)0.445" (1.15mm)Number of Terminations2Failure Rate-   | Category                 | Resistors  |                |
| SeriesERJResistance1 mOhmsTolerance±1%Power (Watts)0.5W, 1/2WCompositionMetal ElementFeaturesAutomotive AEC-Q200, Current Sense, Moisture ResistantTemperature Coefficient±75pm/°COperating Temperature-65°C ~ 170°CPackage / Case2010 (5025 Metric)Supplier Device Package0.197" L x 0.098" W (5.00mm x 2.50mm)Height - Seated (Max)2Number of Terminations2Failure Rate-  |                          | Chip Resistor - Surface Mount                          |                |
| Resistance1 mOhmsTolerance±1%Power (Watts)0.5W, 1/2WCompositionMetal ElementFeaturesAutomotive AEC-Q200, Current Sense, Moisture ResistantTemperature Coefficient±75pm/°COperating Temperaturee5°C ~ 170°COperating Temperature2010 (5025 Metric)Supplier Device Package0.197" L x 0.098" W (5.00mm x 2.50mm)Size / Dimension0.045" (1.15mm)Height - Seated (Max)2Number of Terminations2Failure Rate-  | Package                  | 2010 (5025 Metric)                                     |                |
| Tolerance±1%Power (Watts)0.5W, 1/2WCompositionMetal ElementFeaturesAutomotive AEC-Q200, Current Sense, Moisture ResistantTemperature Coefficient±75pm/°COperating Temperature-65°C ~ 170°CPackage / Case2010 (5025 Metric)Supplier Device Package0.197" L x 0.098" W (5.00mm x 2.50mm)Height - Seated (Max)0.045" (1.15mm)Number of Terminations2Failure Rate-  | Series                   | ERJ  |                |
| Power (Watts)0.5W, 1/2WCompositionMetal ElementFeaturesAutomotive AEC-Q200, Current Sense, Moisture ResistantTemperature Coefficient±75pm/°COperating Temperature-65°C ~ 170°CPackage / Case2010 (5025 Metric)Supplier Device Package2010Size / Dimension0.197" L x 0.098" W (5.00mm x 2.50mm)Height - Seated (Max)0.045" (1.15mm)Number of Terminations2Failure Rate-  | Resistance               | 1 mOhms  |                |
| CompositionMetal ElementFeaturesAutomotive AEC-Q200, Current Sense, Moisture ResistantTemperature Coefficient±75pm/°COperating Temperature-65°C ~ 170°CPackage / Case2010 (5025 Metric)Supplier Device Package2010Size / Dimension0.197" L x 0.098" W (5.00mm x 2.50mm)Height - Seated (Max)0.045" (1.15mm)Number of Terminations2Failure Rate-   | Tolerance                | $\pm 1\%$  |                |
| FeaturesAutomotive AEC-Q200, Current Sense, Moisture ResistantTemperature Coefficient±75ppm/°COperating Temperature-65°C ~ 170°CPackage / Case2010 (5025 Metric)Supplier Device Package2010Size / Dimension0.197" L x 0.098" W (5.00mm x 2.50mm)Height - Seated (Max)0.045" (1.15mm)Number of Terminations2Failure Rate-  | Power (Watts)            | 0.5W, 1/2W   |                |
| Temperature Coefficient±75ppm/°COperating Temperature-65°C ~ 170°CPackage / Case2010 (5025 Metric)Supplier Device Package2010Size / Dimension0.197" L x 0.098" W (5.00mm x 2.50mm)Height - Seated (Max)0.045" (1.15mm)Number of Terminations2Failure Rate-  | Composition              | Metal Element  |                |
| Operating Temperature -65°C ~ 170°C   Package / Case 2010 (5025 Metric)   Supplier Device Package 2010   Size / Dimension 0.197" L x 0.098" W (5.00mm x 2.50mm)   Height - Seated (Max) 0.045" (1.15mm)   Number of Terminations 2   Failure Rate -   | Features                 | Automotive AEC-Q200, Current Sense, Moisture Resistant |                |
| Package / Case2010 (5025 Metric)Supplier Device Package2010Size / Dimension0.197" L x 0.098" W (5.00mm x 2.50mm)Height - Seated (Max)0.045" (1.15mm)Number of Terminations2Failure Rate-  | Temperature Coefficient  | ±75ppm/°C  |                |
| Supplier Device Package 2010   Size / Dimension 0.197" L x 0.098" W (5.00mm x 2.50mm)   Height - Seated (Max) 0.045" (1.15mm)   Number of Terminations 2   Failure Rate -   | Operating Temperature    | -65°C ~ 170°C  |                |
| Size / Dimension 0.197" L x 0.098" W (5.00mm x 2.50mm)   Height - Seated (Max) 0.045" (1.15mm)   Number of Terminations 2   Failure Rate -  | Package / Case           | 2010 (5025 Metric)                                     |                |
| Height - Seated (Max)0.045" (1.15mm)Number of Terminations2Failure Rate-  | Supplier Device Package  | 2010   |                |
| Number of Terminations2Failure Rate-  | Size / Dimension         | 0.197" L x 0.098" W (5.00mm x 2.50mm)                  |                |
| Failure Rate -  | Height - Seated (Max)    | 0.045" (1.15mm)  |                |
|   | Number of Terminations   | 2  |                |
| Report errors?  | Failure Rate             | -  |                |
|   |                          |  | Report errors? |

#### **ERJ-MP3KF1M0U** 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 BUARANTEE

#### **Service Guarantees**

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

# ERJ-MP3KF1M0U Payment Methods



### **ERJ-MP3KF1M0U** Shipping Methods



If you have any question about ERJ-MP3KF1M0U, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com