## MHQ1005P2N5CT000 Information



For Reference Only

Part Number MHQ1005P2N5CT000
Manufacturer TDK Corporation
Category Inductors, Coils, Chokes
Fixed Inductors
Description FIXED IND 2.5NH 900MA 70 MOHM
Package 0402 (1006 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.


## MHQ1005P2N5CT000 Specifications

| Manufacturer Part Number | MHQ1005P2N5CT000 |
| :--- | :--- |
| Manufacturer | TDK Corporation |
| Category | Inductors, Coils, Chokes |
|  | Fixed Inductors |
| Package | 0402 (1006 Metric) |
| Series | MHQ-P |
| Type | Multilayer |
| Material - Core | Non-Magnetic |
| Inductance | 2.5 nH |
| Tolerance | $\pm 0.2 \mathrm{nH}$ |
| Current Rating | 900 mA |
| Current - Saturation | - |
| Shielding | Unshielded |
| DC Resistance (DCR) | 70 mOhm Max |
| Q @ Freq | 23 @ 250 MHz |
| Frequency - Self Resonant | 6.5 GHz |
| Ratings | - |
| Operating Temperature | $-55^{\circ} \mathrm{C} \sim 125^{\circ} \mathrm{C}$ |
| Frequency - Test | 100 MHz |
| Features | - |
| Mounting Type | Surface Mount |
| Package / Case | $0402(1006$ Metric $)$ |
| Supplier Device Package | $1006(0402)$ |
| Size / Dimension | $0.039 " \mathrm{Lx} 0.024 " \mathrm{~W}(1.00 \mathrm{~mm} \times 0.60 \mathrm{~mm})$ |



If you have any question about MHQ1005P2N5CT000, please do not hesitate to contact us!
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