

LQW03AW12NJ00D

LQW03AW12NJ00D Information



| Part Number | LQW03AW12NJ00D | |
|--------------|--|--|
| Manufacturer | Murata | |
| Category | Inductors, Coils, Chokes Fixed Inductors | |
| Description | FIXED IND 12.5NH 280MA 540 MOHM | |
| Package | Nonstandard | |
| | For the pricing/inventory/lead time, please contact us | |
| | Website: https://www.heisener.com | |
| | E-mail: salesdept@heisener.com | |



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For Reference Only

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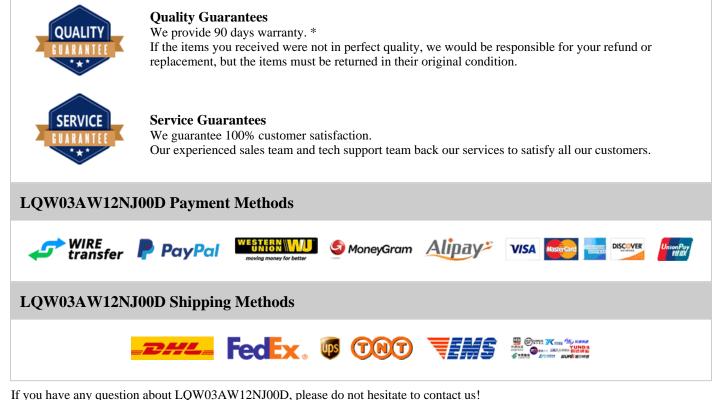


LQW03AW12NJ00D Specifications

| ManufacturerMurataCategoryInductors, Coils, ChokesFixed InductorsFixed InductorsPackageNonstandardSeriesLQW03TypeWirewoundMaterial - Core-Inductance12.5nHTolerance±5%Current Rating280mACurrent Saturation-ShieldingUnshieldedDC Resistance (DCR)540 mOhm MaxQ @ Freq39 @ 900MHzFrequency - Self Resonant-Ratings-Operating Temperature-55°C ~ 125°CFrequency - TestI00MHz | Manufacturer Part Number | LQW03AW12NJ00D |
|---|---------------------------|---------------------------------------|
| Fixed InductorsPackageNonstandardSeriesLQW03TypeWirewoundMaterial - Core-Inductance12.5nHTolerance±5%Current Rating280mACurrent - Saturation-ShieldingUnshieldedDC Resistance (DCR)540 mOhm MaxQ @ Freq39 @ 900MHzFrequency - Self Resonant-Ratings-Operating Temperature-55°C ~ 125°CFrequency - Test100MHz | Manufacturer | Murata |
| PackageNonstandardSeriesLQW03TypeWirewoundMaterial - Core-Inductance12.5nHTolerance±5%Current Rating280mACurrent - Saturation-ShieldingUnshieldedDC Resistance (DCR)540 mOhm MaxQ @ Freq39 @ 900MHzFrequency - Self Resonant-Attings-Operating Temperature-55°C ~ 125°CFrequency - Test100MHz | Category | Inductors, Coils, Chokes |
| SeriesLQW03TypeWirewoundMaterial - Core-Inductance12.5nHTolerance±5%Current Rating280mACurrent - Saturation-ShieldingUnshieldedDC Resistance (DCR)540 mOhm MaxQ @ Freq39 @ 900MHzFrequency - Self Resonant-Ratings-Operating Temperature-55°C ~ 125°CFrequency - Test100MHz | | Fixed Inductors |
| TypeWirewoundMaterial - Core-Inductance12.5nHTolerance±5%Current Rating280mACurrent - Saturation-ShieldingUnshieldedDC Resistance (DCR)540 mOhm MaxQ @ Freq39 @ 900MHzFrequency - Self Resonant-Ratings-Operating Temperature-55°C ~ 125°CFrequency - Test100MHz | Package | Nonstandard |
| Material - Core-Inductance12.5nHTolerance±5%Current Rating280mACurrent - Saturation-ShieldingUnshieldedDC Resistance (DCR)540 mOhm MaxQ @ Freq39 @ 900MHzFrequency - Self Resonant6GHzRatings-Operating Temperature-55°C ~ 125°CFrequency - Test100MHz | Series | LQW03 |
| Inductance12.5nHTolerance±5%Current Rating280mACurrent - Saturation-ShieldingUnshieldedDC Resistance (DCR)540 mOhm MaxQ @ Freq39 @ 900MHzFrequency - Self Resonant6GHzRatings-Operating Temperature-55°C ~ 125°CFrequency - Test100MHz | Туре | Wirewound |
| Tolerance±5%Current Rating280mACurrent - Saturation-ShieldingUnshieldedDC Resistance (DCR)540 mOhm MaxQ @ Freq39 @ 900MHzFrequency - Self Resonant6GHzQoperating Temperature-Frequency - Test100MHz | Material - Core | - |
| Current Rating280mACurrent - Saturation-ShieldingUnshieldedDC Resistance (DCR)540 mOhm MaxQ @ Freq39 @ 900MHzFrequency - Self Resonant6GHzRatings-Operating Temperature-55°C ~ 125°CFrequency - Test100MHz | Inductance | 12.5nH |
| Current - Saturation-ShieldingUnshieldedDC Resistance (DCR)540 mOhm MaxQ @ Freq39 @ 900MHzFrequency - Self Resonant6GHzRatings-Operating Temperature-55°C ~ 125°CFrequency - Test100MHz | Tolerance | ±5% |
| ShieldingUnshieldedDC Resistance (DCR)540 mOhm MaxQ @ Freq39 @ 900MHzFrequency - Self Resonant6GHzRatings-Operating Temperature-55°C ~ 125°CFrequency - Test100MHz | Current Rating | 280mA |
| DC Resistance (DCR)540 mOhm MaxQ @ Freq39 @ 900MHzFrequency - Self Resonant6GHzRatings-Operating Temperature-55°C ~ 125°CFrequency - Test100MHz | Current - Saturation | - |
| Q @ Freq39 @ 900MHzFrequency - Self Resonant6GHzRatings-Operating Temperature-55°C ~ 125°CFrequency - Test100MHz | Shielding | Unshielded |
| Frequency - Self Resonant6GHzRatings-Operating Temperature-55°C ~ 125°CFrequency - Test100MHz | DC Resistance (DCR) | 540 mOhm Max |
| Ratings-Operating Temperature-55°C ~ 125°CFrequency - Test100MHz | Q @ Freq | 39 @ 900MHz |
| Operating Temperature-55°C ~ 125°CFrequency - Test100MHz | Frequency - Self Resonant | 6GHz |
| Frequency - Test 100MHz | Ratings | - |
| | Operating Temperature | -55°C ~ 125°C |
| Factures | Frequency - Test | 100MHz |
| reatures - | Features | - |
| Mounting Type Surface Mount | Mounting Type | Surface Mount |
| Package / Case Nonstandard | Package / Case | Nonstandard |
| Supplier Device Package - | Supplier Device Package | - |
| Size / Dimension 0.021" L x 0.016" W (0.53mm x 0.40mm) | Size / Dimension | 0.021" L x 0.016" W (0.53mm x 0.40mm) |

0.018" (0.45mm)

LQW03AW12NJ00D Guarantees



If you have any question about LQW03AW12NJ00D, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com