



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



SMD Inductors NRS Series [L:4.0mm × W:4.0mm type]

Book No. SB 020 Ver.1101

| Ordering Cods | L: (mm) | W: (mm) | H: (mm) | SPEC | | | |
|-----------------|-----------|-----------|------------|-----------------------|------------------|------------------------------|------------------------------|
| NRS4010T1R0NDGG | L:4±0.2mm | W:4±0.2mm | H:1mmMAX | Inductance:1 μH±30% | Rdc:0.056 Ω ±20% | Saturation Current:2A MAX | Temp. rise Current:1.9A MAX |
| NRS4010T2R2MDGG | L:4±0.2mm | W:4±0.2mm | H:1mmMAX | Inductance:2.2 μH±20% | Rdc:0.085 Ω ±20% | Saturation Current:1.2A MAX | Temp. rise Current:1.5A MAX |
| NRS4010T3R3MDGG | L:4±0.2mm | W:4±0.2mm | H:1mmMAX | Inductance:3.3 μH±20% | Rdc:0.1 Ω ±20% | Saturation Current:1.1A MAX | Temp. rise Current:1.4A MAX |
| NRS4010T4R7MDGG | L:4±0.2mm | W:4±0.2mm | H:1mmMAX | Inductance:4.7 μH±20% | Rdc:0.14 Ω ±20% | Saturation Current:0.95A MAX | Temp. rise Current:1.2A MAX |
| NRS4010T6R8MDGG | L:4±0.2mm | W:4±0.2mm | H:1mmMAX | Inductance:6.8 μH±20% | Rdc:0.2 Ω ±20% | Saturation Current:0.8A MAX | Temp. rise Current:1A MAX |
| NRS4010T100MDGG | L:4±0.2mm | W:4±0.2mm | H:1mmMAX | Inductance:10 μH±20% | Rdc:0.3 Ω ±20% | Saturation Current:0.62A MAX | Temp. rise Current:0.75A MAX |
| NRS4010T150MDGG | L:4±0.2mm | W:4±0.2mm | H:1mmMAX | Inductance:15 μH±20% | Rdc:0.43 Ω ±20% | Saturation Current:0.54A MAX | Temp. rise Current:0.6A MAX |
| NRS4010T220MDGG | L:4±0.2mm | W:4±0.2mm | H:1mmMAX | Inductance:22 μH±20% | Rdc:0.57 Ω ±20% | Saturation Current:0.45A MAX | Temp. rise Current:0.5A MAX |
| | | | | | | | |
| NRS4012T1R0NDGG | L:4±0.2mm | W:4±0.2mm | H:1.2mmMAX | Inductance:1 μH±30% | Rdc:0.042 Ω ±20% | Saturation Current:2.8A MAX | Temp. rise Current:2.2A MAX |
| NRS4012T2R2MDGJ | L:4±0.2mm | W:4±0.2mm | H:1.2mmMAX | Inductance:2.2 μH±20% | Rdc:0.060 Ω ±20% | Saturation Current:1.65A MAX | Temp. rise Current:1.9A MAX |
| NRS4012T3R3MDGJ | L:4±0.2mm | W:4±0.2mm | H:1.2mmMAX | Inductance:3.3 μH±20% | Rdc:0.070 Ω ±20% | Saturation Current:1.4A MAX | Temp. rise Current:1.7A MAX |
| NRS4012T4R7MDGJ | L:4±0.2mm | W:4±0.2mm | H:1.2mmMAX | Inductance:4.7 μH±20% | Rdc:0.095 Ω ±20% | Saturation Current:1.2A MAX | Temp. rise Current:1.5A MAX |
| NRS4012T6R8MDGJ | L:4±0.2mm | W:4±0.2mm | H:1.2mmMAX | Inductance:6.8 μH±20% | Rdc:0.125 Ω ±20% | Saturation Current:0.9A MAX | Temp. rise Current:1.3A MAX |
| NRS4012T100MDGJ | L:4±0.2mm | W:4±0.2mm | H:1.2mmMAX | Inductance:10 μH±20% | Rdc:0.170 Ω ±20% | Saturation Current:0.8A MAX | Temp. rise Current:1.1A MAX |
| NRS4012T150MDGJ | L:4±0.2mm | W:4±0.2mm | H:1.2mmMAX | Inductance:15 μH±20% | Rdc:0.260 Ω ±20% | Saturation Current:0.65A MAX | Temp. rise Current:0.75A MAX |
| NRS4012T220MDGJ | L:4±0.2mm | W:4±0.2mm | H:1.2mmMAX | Inductance:22 μH±20% | Rdc:0.400 Ω ±20% | Saturation Current:0.5A MAX | Temp. rise Current:0.62A MAX |
| | | | | | | | |
| NRS4018T1R0NDGJ | L:4±0.2mm | W:4±0.2mm | H:1.8mmMAX | Inductance:1 μH±30% | Rdc:0.027 Ω ±20% | Saturation Current:4A MAX | Temp. rise Current:3.2A MAX |
| NRS4018T2R2MDGJ | L:4±0.2mm | W:4±0.2mm | H:1.8mmMAX | Inductance:2.2 μH±20% | Rdc:0.042 Ω ±20% | Saturation Current:3A MAX | Temp. rise Current:2.2A MAX |
| NRS4018T3R3MDGJ | L:4±0.2mm | W:4±0.2mm | H:1.8mmMAX | Inductance:3.3 μH±20% | Rdc:0.055 Ω ±20% | Saturation Current:2.3A MAX | Temp. rise Current:2A MAX |
| NRS4018T4R7MDGJ | L:4±0.2mm | W:4±0.2mm | H:1.8mmMAX | Inductance:4.7 μH±20% | Rdc:0.070 Ω ±20% | Saturation Current:2A MAX | Temp. rise Current:1.7A MAX |
| NRS4018T6R8MDGJ | L:4±0.2mm | W:4±0.2mm | H:1.8mmMAX | Inductance:6.8 μH±20% | Rdc:0.098 Ω ±20% | Saturation Current:1.6A MAX | Temp. rise Current:1.45A MAX |
| NRS4018T100MDGJ | L:4±0.2mm | W:4±0.2mm | H:1.8mmMAX | Inductance:10 μH±20% | Rdc:0.150 Ω ±20% | Saturation Current:1.3A MAX | Temp. rise Current:1.2A MAX |
| NRS4018T150MDGJ | L:4±0.2mm | W:4±0.2mm | H:1.8mmMAX | Inductance:15 μH±20% | Rdc:0.210 Ω ±20% | Saturation Current:1.1A MAX | Temp. rise Current:0.85A MAX |
| NRS4018T220MDGJ | L:4±0.2mm | W:4±0.2mm | H:1.8mmMAX | Inductance:22 μH±20% | Rdc:0.290 Ω ±20% | Saturation Current:0.9A MAX | Temp. rise Current:0.72A MAX |
| NRS4018T330MDGJ | L:4±0.2mm | W:4±0.2mm | H:1.8mmMAX | Inductance:33 μH±20% | Rdc:0.460 Ω ±20% | Saturation Current:0.7A MAX | Temp. rise Current:0.55A MAX |

■記載内容は改良などのために予告なく変更することがあります。

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