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Issued: July 11th, 2017

SUB: PCN Notice

Product Type: Surface Mount Wire Wound Inductors
 NIC Series: NIN-H Series
 Product Specification: www.niccomp.com/catalog/ninh.pdf
 Notification: Product Change Notification

The following is notice of a change in the part number structure and specifications for the NIN-H series of surface mount wire wound inductors. See the table below for details on these changes.

Effective: July 11th, 2017

Reason for Changes: Standardize part number system, and product specifications to meet market requirements. Legacy part numbers will continue to be supported but not recommended for new designs. See table that follows for a list of legacy part numbers and the new alternative part numbers.

Use Quickbuilder to compare all surface mount chip inductor specifications: [Quickbuilder Search Tool](#)

Prepared by: Technical Product Marketing Group / tpmg@niccomp.com

Legacy Part Number	New Part Number	Comments
NIN-HK2N0STRF	NIN-HK2N0_TR950F	Lower IDC
NIN-HK2N7STRF	NIN-HK2N7_TR900F	No change to specifications
NIN-HK5N6JTRF	NIN-HK5N6_TR710F	Lower IDC
NIN-HK6N8JTRF	NIN-HK6N8_TR610F	Higher DCR, Lower IDC,
NIN-HK150JTRF	NIN-HK150_TR430F	Higher DCR, Lower IDC,
NIN-HK220JTRF	NIN-HK220_TR330F	Lower IDC
NIN-HK680JTRF	NIN-HK680_TR170F	Different Test Frequency, Higher DCR
NIN-HJ150_TRF	NIN-HJ150_TR550F	Lower IDC
NIN-HJ180_TRF	NIN-HJ180_TR550F	Lower IDC
NIN-HJ270_TRF	NIN-HJ270_TR490F	Lower IDC
NIN-HJ330_TRF	NIN-HJ330_TR470F	Lower IDC
NIN-HJ390_TRF	NIN-HJ390_TR460F	Lower IDC
NIN-HJ560_TRF	NIN-HJ560_TR360F	Different Q Test Frequency, Lower IDC
NIN-HJ680_TRF	NIN-HJ680_TR350F	Different Q Test Frequency, Lower IDC
NIN-HJ820_TRF	NIN-HJ820_TR300F	Different Q Test Frequency, Higher DCR, Lower IDC
NIN-HJR12_TRF	NIN-HJR12_TR240F	Different Q Test Frequency, Lower IDC
NIN-HJR15_TRF	NIN-HJR15_TR200F	Higher DCR, Lower IDC,
NIN-HJR18_TRF	NIN-HJR18_TR180F	Higher DCR, Lower IDC,
NIN-HJR22_TRF	NIN-HJR21_TR150F	Lower IDC
NIN-HD330_TRF	NIN-HD330_TR500F	Lower SRF



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Legacy Part Number	New Part Number	Comments
NIN-HD560_TRF	NIN-HD560_TR500F	Lower Q
NIN-HDR10_TRF	NIN-HDR10_TR400F	Lower Q
NIN-HDR15_TRF	NIN-HDR15_TR400F	No change to specifications
NIN-HDR22_TRF	NIN-HDR22_TR400F	Higher DCR
NIN-HDR33_TRF	NIN-HDR33_TR310F	No change to specifications
NIN-HDR47_TRF	NIN-HDR47_TR250F	No change to specifications
NIN-HDR68_TRF	NIN-HDR62_TR200F	No change to specifications
NIN-HDR82_TRF	NIN-HDR68_TR190F	No change to specifications
NIN-HC120_TRF	NIN-HC120_TR1000F	No change to specifications
NIN-HC330_TRF	NIN-HC330_TR1000F	No change to specifications
NIN-HC390_TRF	NIN-HC390_TR1000F	Lower Q
NIN-HC470_TRF	NIN-HC470_TR1000F	No change to specifications
NIN-HC680_TRF	NIN-HC680_TR1000F	Higher DCR, Lower SRF
NIN-HC820_TRF	NIN-HC820_TR1000F	Lower SRF
NIN-HCR12_TRF	NIN-HCR12_TR650F	No change to specifications
NIN-HCR15_TRF	NIN-HCR15_TR580F	Lower SRF
NIN-HCR18_TRF	NIN-HCR18_TR620F	No change to specifications
NIN-HCR22_TRF	NIN-HCR22_TR500F	Lower SRF
NIN-HCR27_TRF	NIN-HCR27_TR500F	No change to specifications
NIN-HCR33_TRF	NIN-HCR33_TR450F	Lower SRF
NIN-HCR39_TRF	NIN-HCR39_TR470F	Lower SRF
NIN-HCR47_TRF	NIN-HCR47_TR470F	No change to specifications
NIN-HCR56_TRF	NIN-HCR56_TR400F	Lower SRF
NIN-HCR68_TRF	NIN-HCR68_TR400F	Lower SRF
NIN-HC1R0_TRF	NIN-HC1R0_TR370F	Higher DCR, Lower SRF
NIN-HC1R2_TRF	NIN-HC1R2_TR310F	Lower SRF
NIN-HC1R8_TRF	NIN-HC1R8_TR300F	Lower SRF
NIN-HC4R7_TRF	NIN-HC4R7_TR260F	Lower SRF
NIN-HE3N3_TRF	NIN-HE3N3_TR1000F	No change to specifications
NIN-HE6N8_TRF	NIN-HE6N8_TR1000F	No change to specifications
NIN-HE100_TRF	NIN-HE100_TR1000F	No change to specifications
NIN-HE120_TRF	NIN-HE120_TR1000F	No change to specifications
NIN-HE150_TRF	NIN-HE150_TR1000F	No change to specifications
NIN-HE180_TRF	NIN-HE180_TR1000F	No change to specifications
NIN-HE220_TRF	NIN-HE220_TR1000F	No change to specifications
NIN-HE270_TRF	NIN-HE270_TR1000F	No change to specifications
NIN-HE330_TRF	NIN-HE330_TR1000F	No change to specifications
NIN-HE390_TRF	NIN-HE390_TR1000F	No change to specifications
NIN-HE470_TRF	NIN-HE470_TR1000F	No change to specifications



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Legacy Part Number	New Part Number	Comments
NIN-HE560_TRF	NIN-HE560_TR1000F	No change to specifications
NIN-HE680_TRF	NIN-HE680_TR900F	No change to specifications
NIN-HE820_TRF	NIN-HE820_TR900F	No change to specifications
NIN-HER10_TRF	NIN-HER10_TR850F	No change to specifications
NIN-HER12_TRF	NIN-HER12_TR800F	No change to specifications
NIN-HER15_TRF	NIN-HER15_TR750F	No change to specifications
NIN-HER18_TRF	NIN-HER18_TR700F	No change to specifications
NIN-HER22_TRF	NIN-HER22_TR670F	No change to specifications
NIN-HER27_TRF	NIN-HER27_TR630F	No change to specifications
NIN-HER33_TRF	NIN-HER33_TR590F	No change to specifications
NIN-HER39_TRF	NIN-HER39_TR530F	No change to specifications
NIN-HER47_TRF	NIN-HER47_TR490F	No change to specifications
NIN-HER56_TRF	NIN-HER56_TR460F	No change to specifications
NIN-HER68_TRF	NIN-HER68_TR430F	No change to specifications
NIN-HER82_TRF	NIN-HER82_TR400F	No change to specifications
NIN-HE1R0_TRF	NIN-HE1R0_TR320F	No change to specifications
NIN-HE1R2_TRF	NIN-HE1R2_TR300F	No change to specifications
NIN-HA3N9_TRF	NIN-HA3N9_TR1000F	No change to specifications
NIN-HA4N7_TRF	NIN-HA4N7_TR1000F	No change to specifications
NIN-HA8N2_TRF	NIN-HA8N2_TR1000F	No change to specifications
NIN-HA100_TRF	NIN-HA100_TR1000F	No change to specifications
NIN-HA120_TRF	NIN-HA120_TR1000F	No change to specifications
NIN-HA150_TRF	NIN-HA150_TR1000F	No change to specifications
NIN-HA180_TRF	NIN-HA180_TR1000F	No change to specifications
NIN-HA220_TRF	NIN-HA220_TR1000F	No change to specifications
NIN-HA270_TRF	NIN-HA270_TR1000F	No change to specifications
NIN-HA330_TRF	NIN-HA330_TR1000F	No change to specifications
NIN-HA390_TRF	NIN-HA390_TR1000F	No change to specifications
NIN-HA430_TRF	NIN-HA430_TR1000F	No change to specifications
NIN-HA470_TRF	NIN-HA470_TR1000F	No change to specifications
NIN-HA560_TRF	NIN-HA560_TR1000F	No change to specifications
NIN-HA680_TRF	NIN-HA680_TR900F	No change to specifications
NIN-HA820_TRF	NIN-HA820_TR900F	No change to specifications
NIN-HAR10_TRF	NIN-HAR10_TR850F	No change to specifications
NIN-HAR12_TRF	NIN-HAR12_TR800F	No change to specifications
NIN-HAR15_TRF	NIN-HAR15_TR750F	No change to specifications
NIN-HAR18_TRF	NIN-HAR18_TR700F	No change to specifications
NIN-HAR22_TRF	NIN-HAR22_TR770F	No change to specifications
NIN-HAR27_TRF	NIN-HAR27_TR630F	No change to specifications



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Legacy Part Number	New Part Number	Comments
NIN-HAR33_TRF	NIN-HAR33_TR590F	No change to specifications
NIN-HAR39_TRF	NIN-HAR39_TR530F	No change to specifications
NIN-HAR47_TRF	NIN-HAR47_TR490F	No change to specifications
NIN-HAR56_TRF	NIN-HAR56_TR460F	No change to specifications
NIN-HAR68_TRF	NIN-HAR68_TR430F	No change to specifications
NIN-HAR82_TRF	NIN-HAR82_TR400F	No change to specifications
NIN-HA1R0_TRF	NIN-HA1R0_TR320F	No change to specifications
NIN-HA1R2_TRF	NIN-HA1R2_TR300F	No change to specifications
NIN-HA1R5_TRF	NIN-HA1R5_TR310F	No change to specifications
NIN-HA1R8_TRF	NIN-HA1R8_TR310F	No change to specifications
NIN-HA2R2_TRF	NIN-HA2R2_TR310F	No change to specifications
NIN-HA2R7_TRF	NIN-HA2R7_TR300F	No change to specifications
NIN-HA3R0_TRF	NIN-HA3R0_TR300F	No change to specifications
NIN-HA3R9_TRF	NIN-HA3R9_TR290F	No change to specifications
NIN-HA4R7_TRF	NIN-HA4R7_TR280F	No change to specifications
NIN-HA5R6_TRF	NIN-HA5R6_TR250F	No change to specifications
NIN-HA6R8_TRF	NIN-HA6R8_TR230F	No change to specifications
NIN-HA8R6_TRF	NIN-HA8R6_TR200F	No change to specifications
NIN-HB1R0_TRF	NIN-HB1R0_TR480F	No change to specifications
NIN-HB1R2_TRF	NIN-HB1R2_TR480F	No change to specifications
NIN-HB1R5_TRF	NIN-HB1R5_TR430F	No change to specifications
NIN-HB1R8_TRF	NIN-HB1R8_TR380F	No change to specifications
NIN-HB2R2_TRF	NIN-HB2R2_TR340F	No change to specifications
NIN-HB2R7_TRF	NIN-HB2R7_TR300F	No change to specifications
NIN-HB3R3_TRF	NIN-HB3R3_TR270F	No change to specifications
NIN-HB3R9_TRF	NIN-HB3R9_TR240F	No change to specifications
NIN-HB4R7_TRF	NIN-HB4R7_TR230F	No change to specifications
NIN-HB5R6_TRF	NIN-HB5R6_TR220F	No change to specifications
NIN-HB6R8_TRF	NIN-HB6R8_TR210F	No change to specifications
NIN-HB8R2_TRF	NIN-HB8R2_TR200F	No change to specifications
NIN-HB100_TRF	NIN-HB100_TR190F	No change to specifications
NIN-HB120_TRF	NIN-HB120_TR180F	No change to specifications
NIN-HB150_TRF	NIN-HB150_TR170F	No change to specifications
NIN-HB180_TRF	NIN-HB180_TR160F	No change to specifications
NIN-HB220_TRF	NIN-HB220_TR155F	No change to specifications
NIN-HB270_TRF	NIN-HB270_TR150F	No change to specifications
NIN-HB330_TRF	NIN-HB330_TR145F	No change to specifications