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February 21, 2012

SUB: Product Change Notifications (2)

Products Impacted by this notice: NTR series; SMT Thin Film Chip Resistors

## 1.) Product Change:

Power rating of 0201 case size reduced from 1/20 Watt (0.050W) to 1/32 Watt (0.032W)

Part Numbers; (See Part Number System; referenced below)

- NTR02DxxxxCTRF
  - $\circ$  49.9Ω ~ 4.99KΩ; 4-digit code 49R9 ~ 4991; [ ±0.5% (D) ± 25PPM(C)]
- NTR02DxxxxDTRF
  - $\circ$  49.9Ω ~ 4.99KΩ; 4-digit code 49R9 ~ 4991; [ ±0.5% (D) ±50PPM(D)]
- NTR02FxxxxDTRF
  - $\circ$  49.9Ω ~ 33.2KΩ; 4-digit code 49R9 ~ 3322 [±1.0% (F) ± 50PPM(D)]

EFFECTIVE: February 1st 2012

REASON FOR CHANGE: To align with industry standard power rating of 1/32W (0.032W) for 0201 case size components

## 2.) Product Change:

Expanded available resistance values for 0201 case size changed from "E-24" to both "E-24" & "E-96" resistance values

EFFECTIVE: February 1st 2012

REASON FOR CHANGE: Expanded resistance value offering in E96 resistance values

## REFERENCE:

NTR Series – Part Numbering System

## PART NUMBER SYSTEM NTR 10 B 1003 C TR F RoHS compliant Tape & Reel Packaging Temperature Coefficient Code: S = ±5ppm, B = ±10ppm, N = ±15ppm, C = ±25ppm, D = ±50ppm, F =±100ppm Resistance Code: First 3 digits are significant figures (both E-24 and E-96 values), 4th digit is the multiplier, "R" indicates a decimal point. Tolerance Code: T = 0.01%, A = 0.05%, B = ± 0.1%, C = ± 0.25%, D = ± 0.5%, F = ± 1% Series

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