



# Product Change Notification



Product Group: Draloric / Beyschlag Resistors / February 20, 2020 / PCN-DBR-0002-2020 Rev0

## Discontinuation of Resistance Value Marking for TNPV e3 series, High Voltage Thin Film Flat Chip Resistors, in case sizes 1206 and 1210

**DESCRIPTION OF CHANGE:** TNPV e3 series will no longer receive resistance value marking.

**CLASSIFICATION OF CHANGE:** Marking

**REASON FOR CHANGE:** Optimization of production process

**EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE:** None

**PRODUCT CATEGORY:** Resistors

**PART NUMBERS/SERIES/FAMILIES AFFECTED:**

TNPV1206xxxxxxxxxx

TNPV1210xxxxxxxxxx

**REPLACEMENTS:** not applicable, products remain available under the same part number.

**VISHAY BRAND(s):** Vishay Draloric.

**TIME SCHEDULE**

Last Time Buy Date: not applicable

Last Time Shipment Date: not applicable

Start Shipment Date (w/o marking): **June 01<sup>st</sup>, 2020**

Mixed shipments possible during the transition period. No mix of marked and unmarked parts on the same reel.

**SAMPLE AVAILABILITY:** **April 01<sup>st</sup>, 2020** for AOI test purpose (undefined resistance)

**PRODUCT IDENTIFICATION:** no marking of products

**QUALIFICATION DATA:** not applicable

This PCN is considered approved, without further notification, unless we receive specific customer concerns before **April 01<sup>st</sup>, 2020** or as specified by contract.

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# PCN-DBR-00002-2020 Rev0

## Complete Part Number List

Description	Part Number
TNPV1206 160K 0.1% T-9 E52 E3	TNPV1206160KBEEN
TNPV1206 160K 0.1% T-13 ET1 E3	TNPV1206160KBYEA
TNPV1206 162K 0.1% T-10 ET1 E3	TNPV1206162KBXEA
TNPV1206 162K 0.1% T-10 E52 E3	TNPV1206162KBXEN
SAMPLE-TNPV1206 168K .5% T-9 ET1E3 20596	TNPV1206168KDEEA01
TNPV1206 169K 0.5% T-9 ET1 E3	TNPV1206169KDEEA
TNPV1206 1M0 0.1% T-9 ET1 E3	TNPV12061M00BEEA
TNPV1206 1M0 0.1% T-9 E52 E3	TNPV12061M00BEEN
TNPV1206 1M0 0.1% T-10 ET1 E3	TNPV12061M00BXEA
TNPV1206 1M0 0.1% T-10 E52 E3	TNPV12061M00BXEN
TNPV1206 1M0 0.1% T-13 ET1 E3	TNPV12061M00BYEA
TNPV1206 1M0 0.1% T-13 E52 E3	TNPV12061M00BYEN
TNPV1206 1M0 0.5% T-9 ET1 E3	TNPV12061M00DEEA
TNPV1206 1M0 1% T-2 ET1 E3	TNPV12061M00FHEA
TNPV1206 1M1 0.5% T-9 ET1 E3	TNPV12061M10DEEA
TNPV1206 1M2 0.1% T-9 ET1 E3	TNPV12061M20BEEA
TNPV1206 1M2 0.1% T-9 E52 E3	TNPV12061M20BEEN
TNPV1206 1M2 0.1% T-13 ET1 E3	TNPV12061M20BYEA
TNPV1206 1M2 0.5% T-9 ET1 E3	TNPV12061M20DEEA
TNPV1206 1M2 1% T-2 ET1 E3	TNPV12061M20FHEA
TNPV1206 1M24 1% T-2 ET1 E3	TNPV12061M24FHEA
TNPV1206 1M3 0.5% T-9 ET1 E3	TNPV12061M30DEEA
TNPV1206 1M38 0.1% T-9 ET1 E3	TNPV12061M38BEEA
TNPV1206 1M5 0.1% T-9 ET1 E3	TNPV12061M50BEEA
TNPV1206 1M5 0.1% T-9 E52 E3	TNPV12061M50BEEN
TNPV1206 1M5 0.1% T-10 E52 E3	TNPV12061M50BXEN
TNPV1206 1M5 0.1% T-13 ET1 E3	TNPV12061M50BYEA
TNPV1206 1M5 0.5% T-9 ET1 E3	TNPV12061M50DEEA
TNPV1206 1M5 1% T-2 ET1 E3	TNPV12061M50FHEA
TNPV1206 1M6 0.1% T-9 ET1 E3	TNPV12061M60BEEA
TNPV1206 1M72 0.1% T-9 ET1 E3	TNPV12061M72BEEA
TNPV1206 1M8 0.1% T-9 ET1 E3	TNPV12061M80BEEA
TNPV1206 1M8 0.1% T-9 E52 E3	TNPV12061M80BEEN
TNPV1206 1M8 0.1% T-10 ET1 E3	TNPV12061M80BXEA
TNPV1206 1M8 0.1% T-10 E52 E3	TNPV12061M80BXEN
TNPV1206 1M8 0.1% T-13 E52 E3	TNPV12061M80BYEN
TNPV1206 1M96 1% T-2 ET1 E3	TNPV12061M96FHEA
TNPV1206 200K 0.1% T-9 E52 E3	TNPV1206200KBEEN
TNPV1206 200K 0.5% T-9 ET1 E3	TNPV1206200KDEEA
TNPV1206 200K 1% T-2 ET1 E3	TNPV1206200KFHEA
TNPV1206 220K 0.1% T-9 E52 E3	TNPV1206220KBEEN
TNPV1206 240K 0.1% T-10 E52 E3	TNPV1206240KBXEN
TNPV1206 250K 0.1% T-13 ET1 E3	TNPV1206250KBYEA
TNPV1206 250K 0.5% T-9 ET1 E3	TNPV1206250KDEEA
TNPV1206 250K 1% T-2 ET1 E3	TNPV1206250KFHEA
TNPV1206 2M0 0.1% T-9 ET1 E3	TNPV12062M00BEEA
TNPV1206 2M0 0.1% T-9 E52 E3	TNPV12062M00BEEN
TNPV1206 2M0 0.1% T-10 ET1 E3	TNPV12062M00BXEA
TNPV1206 2M0 0.1% T-10 E52 E3	TNPV12062M00BXEN
TNPV1206 2M0 0.1% T-13 ET1 E3	TNPV12062M00BYEA
TNPV1206 2M0 0.1% T-13 E52 E3	TNPV12062M00BYEN
TNPV1206 2M0 0.5% T-9 ET1 E3	TNPV12062M00DEEA
TNPV1206 2M0 1% T-2 ET1 E3	TNPV12062M00FHEA
TNPV1206 300K 0.1% T-9 E52 E3	TNPV1206300KBEEN
TNPV1206 330K 0.1% T-9 E52 E3	TNPV1206330KBEEN
TNPV1206 330K 0.1% T-13 ET1 E3	TNPV1206330KBYEA
TNPV1206 330K 1% T-2 ET1 E3	TNPV1206330KFHEA
TNPV1206 336K 0.5% T-9 ET1 E3	TNPV1206336KDEEA

SAMPLE-TNPV1206 362K .1% T-9 ET1E3 20596  
TNPV1206 390K 0.1% T-9 E52 E3  
TNPV1206 470K 0.1% T-9 ET1 E3  
TNPV1206 470K 0.1% T-9 E52 E3  
TNPV1206 470K 1% T-2 ET1 E3  
TNPV1206 499K 0.1% T-9 ET1 E3  
TNPV1206 499K 0.1% T-9 E52 E3  
TNPV1206 499K 0.1% T-10 ET1 E3  
TNPV1206 499K 0.1% T-10 E52 E3  
TNPV1206 499K 0.1% T-13 ET1 E3  
TNPV1206 499K 0.5% T-9 ET1 E3  
TNPV1206 510K 1% T-2 ET1 E3  
TNPV1206 560K 0.1% T-9 E52 E3  
TNPV1206 560K 1% T-2 ET1 E3  
TNPV1206 620K 0.1% T-10 ET1 E3  
TNPV1206 634K 0.1% T-9 ET1 E3  
TNPV1206 642K 0.1% T-9 E52 E3  
TNPV1206 680K 0.1% T-9 E52 E3  
TNPV1206 690K 0.1% T-9 ET1 E3  
TNPV1206 750K 0.1% T-9 E52 E3  
TNPV1206 750K 0.1% T-13 ET1 E3  
TNPV1206 750K 0.1% T-13 E52 E3  
TNPV1206 806K 0.1% T-9 E52 E3  
TNPV1206 820K 0.1% T-9 E52 E3  
TNPV1206 820K 0.5% T-9 ET1 E3  
TNPV1206 820K 1% T-2 ET1 E3  
TNPV1206 856K 0.1% T-9 ET1 E3  
SAMPLE-TNPV1206 860K .1% T-9 ET1E3 20596  
TNPV1210 121K 0.1% T-9 E52 E3  
TNPV1210 121K 0.5% T-9 ET1 E3  
TNPV1210 1M0 0.1% T-9 ET1 E3  
TNPV1210 1M0 0.1% T-9 E52 E3  
TNPV1210 1M0 0.1% T-13 E52 E3  
TNPV1210 1M0 0.5% T-9 ET1 E3  
TNPV1210 1M0 1% T-2 ET1 E3  
TNPV1210 1M2 0.1% T-9 E52 E3  
TNPV1210 1M3 1% T-2 ET1 E3  
TNPV1210 1M5 0.1% T-9 E52 E3  
TNPV1210 1M8 0.1% T-9 E52 E3  
TNPV1210 1M8 0.1% T-13 ET1 E3  
TNPV1210 1M8 0.1% T-13 E52 E3  
TNPV1210 200K 0.5% T-9 ET1 E3  
TNPV1210 220K 0.1% T-9 E52 E3  
TNPV1210 280K 0.1% T-9 E52 E3  
TNPV1210 2M0 0.1% T-9 ET1 E3  
TNPV1210 2M0 0.1% T-9 E52 E3  
TNPV1210 2M0 0.1% T-13 ET1 E3  
TNPV1210 2M0 0.1% T-13 E52 E3  
TNPV1210 2M0 0.5% T-9 ET1 E3  
TNPV1210 2M13 0.1% T-9 E52 E3  
TNPV1210 2M23 0.5% T-9 ET1 E3  
TNPV1210 2M7 0.5% T-9 ET1 E3  
TNPV1210 330K 0.1% T-9 ET1 E3  
TNPV1210 330K 0.1% T-9 E52 E3  
TNPV1210 365K 1% T-2 ET1 E3  
TNPV1210 390K 0.1% T-9 E52 E3  
TNPV1210 3M0 0.1% T-9 E52 E3  
TNPV1210 3M0 0.5% T-9 ET1 E3  
TNPV1210 3M0 1% T-2 ET1 E3  
TNPV1210 3M01 0.5% T-9 ET1 E3  
TNPV1210 402K 1% T-2 ET1 E3  
TNPV1210 430K 0.1% T-9 ET1 E3  
TNPV1210 470K 0.1% T-9 E52 E3

TNPV1206362KBEEA01  
TNPV1206390KBEEEN  
TNPV1206470KBEEA  
TNPV1206470KBEEEN  
TNPV1206470KFHEA  
TNPV1206499KBEEA  
TNPV1206499KBEEEN  
TNPV1206499KBXEA  
TNPV1206499KBXEN  
TNPV1206499KBYEA  
TNPV1206499KDEEA  
TNPV1206510KFHEA  
TNPV1206560KBEEEN  
TNPV1206560KFHEA  
TNPV1206620KBXEA  
TNPV1206634KBEEA  
TNPV1206642KBEEEN  
TNPV1206680KBEEEN  
TNPV1206690KBEEA  
TNPV1206750KBEEEN  
TNPV1206750KBYEA  
TNPV1206750KBYEN  
TNPV1206806KBEEEN  
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TNPV12101M00BEEA  
TNPV12101M00BEEEN  
TNPV12101M00BYEN  
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TNPV12102M13BEEEN  
TNPV12102M23DEEA  
TNPV12102M70DEEA  
TNPV1210330KBEEA  
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TNPV1210365KFHEA  
TNPV1210390KBEEEN  
TNPV12103M00BEEEN  
TNPV12103M00DEEA  
TNPV12103M00FHEA  
TNPV12103M01DEEA  
TNPV1210402KFHEA  
TNPV1210430KBEEA  
TNPV1210470KBEEEN

TNPV1210 499K 0.1% T-9 E52 E3  
TNPV1210 510K 0.1% T-9 ET1 E3  
TNPV1210 511K 0.1% T-9 E52 E3  
TNPV1210 560K 0.1% T-9 E52 E3  
TNPV1210 560K 0.1% T-13 ET1 E3  
TNPV1210 560K 0.1% T-13 ET6 E3  
TNPV1210 560K 0.1% T-13 E52 E3  
TNPV1210 560K 0.5% T-9 ET1 E3  
TNPV1210 560K 1% T-2 ET1 E3  
TNPV1210 597K 0.1% T-9 E52 E3  
TNPV1210 680K 0.1% T-9 E52 E3  
TNPV1210 750K 0.1% T-9 E52 E3  
TNPV1210 820K 0.1% T-9 E52 E3  
TNPV1210 931K 1% T-2 ET1 E3

TNPV1210499KBEEN  
TNPV1210510KBEEA  
TNPV1210511KBEEN  
TNPV1210560KBEEN  
TNPV1210560KBYEA  
TNPV1210560KBYEC  
TNPV1210560KBYEN  
TNPV1210560KDEEA  
TNPV1210560KFHEA  
TNPV1210597KBEEN  
TNPV1210680KBEEN  
TNPV1210750KBEEN  
TNPV1210820KBEEN  
TNPV1210931KFHEA