



# Product Change Notification



## PCNM – High Power Aluminum Nitride, Wraparound Surface Mount Precision Thin Film Non-Magnetic Chip Resistor

**DESCRIPTION OF CHANGE:** Vishay Dale Thin Film is replacing the Electroless nickel with copper in the termination (no change to solder composition). Additionally, we are limiting the maximum working voltage range on both the PCNM1206 and PCNM2512 case sizes from 200 V to 100 V. Product purchased below the critical values provided in the table are unaffected by this change.

Case Size	Power (mW)	Working Voltage	Critical Value
1206	2000	100	5.0 kΩ
2512	6000	100	1.67 kΩ

**CLASSIFICATION OF CHANGE:** Material / Fit / Form / Function

**REASON FOR CHANGE:** Physical characteristics of ALN substrate may pose a risk of arcing at elevated voltages. Changes will improve manufacturability and reliability.

**EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE:** No change in quality, reliability or performance within defined voltage limits.

**PRODUCT CATEGORY:** Resistors

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

**VISHAY BRAND(s):** Vishay Dale Thin Film

**TIME SCHEDULE:**

Start Shipment Date: July 2, 2018 (immediate availability pending waiver approval)

Last Time Buy Date: Not Applicable

Last Time Shipment Date: Not Applicable

**SAMPLE AVAILABILITY:** Not Applicable

**PRODUCT IDENTIFICATION:** PCNM (1206 and 2512 case sizes)

**QUALIFICATION DATA:** Available upon request

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