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Product Change Notification

Product Group: CC/Wednesday July 15, 2026/PCN-CC-00003-2026-REV-1



Adjustment of T&R Specification to EIA standard for CeraMite brand

For further information, please contact your regional Vishay office.

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Description of Change: To consolidate the production processes we will adjust the T&R packaging for CeraMite items. Please check in this PCN for current and future packaging specification. We will implement starting 1st of January 2027. In the overlap period you might receive still the current packaging. Please note that we are consolidating production processes and the official address will change within our plant in CZ. If you need updated certificates for the safety capacitor series, please contact your local Vishay person.

Reason for Change: Consolidation of production processes.

Expected Influence on Quality/Reliability/Performance: Change of packaging specification.

Part Numbers/Series/Families Affected: Please see materials list on the succeeding page.

Vishay Brand(S): Vishay Cera-Mite

Time Schedule:

Start Shipment Date: Friday January 1, 2027

Sample Availability: NA

Product Identification: by PN

Qualification Data: NA

This PCN is considered approved, without further notification, unless we receive specific customer concerns before Friday August 14, 2026 or as specified by contract.

Issued By: Florian Weyland, florian.veyland@vishay.com



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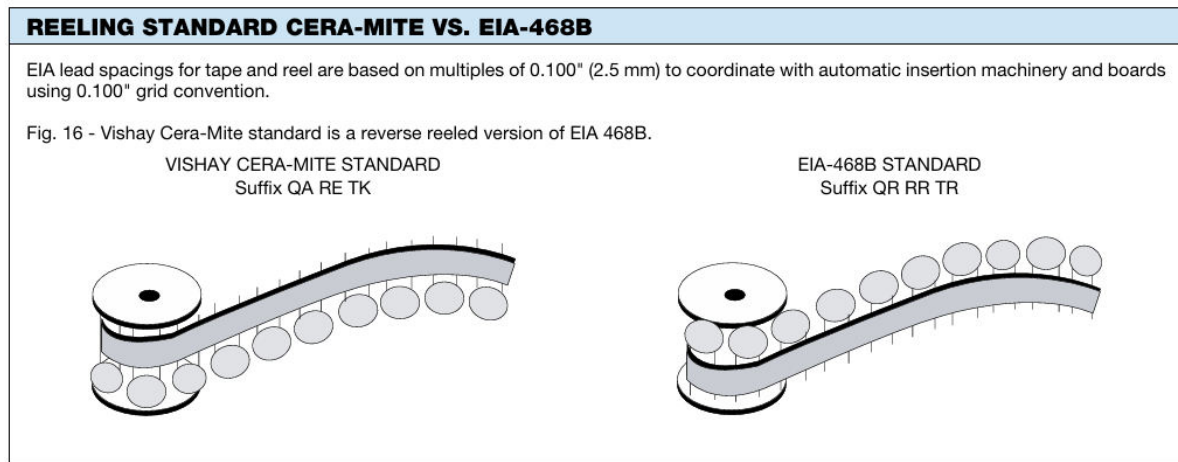
440LD22XJ-R	440LD47AP-R	440LD47KZ-R	440LT33AP-R	440LT47KZ-R
562R10TSD22QX	562R5GAS10QM	564R30GAD47RJ	564R30TSSD47XK	



Dear valued customer,

please find below further details and explanation about the change of specification of the T&R for CeraMite items.

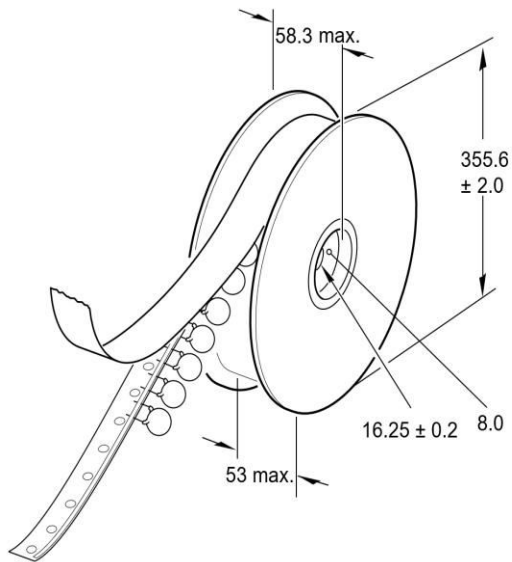
Historically the T&R option for CeraMite brand was reverse reeled compared to the EIA 468B. In the future only the EIA 468C reeling will be available. Please note the picture below from the CeraMite general information. The general information will be adjusted.



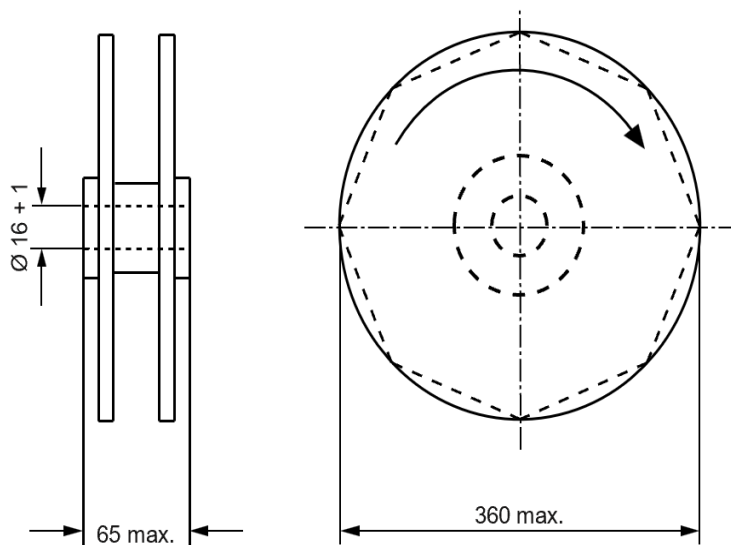
For the mentioned part numbers in this PCN, please see table here:

Parts on PCN	Material Description (PCN parts)	Current reel direction	Future reel direction
440LD22XJ-R	440L X760 Y500VAC 2200pF $\pm 20\%$ Y5U T&R e3	CeraMite standard	EIA 468C
440LD47AP-R	440L X760 Y500VAC 4700pF $\pm 20\%$ Y5U T&R&R e	EIA 468B	EIA 468C
440LD47KZ-R	440L X760 Y500VAC 4700pF $\pm 20\%$ Y5U T&R&R e3	EIA 468B	EIA 468C
440LT33AP-R	440L X760 Y500VAC 330pF $\pm 10\%$ X7R T&R&Re3	EIA 468B	EIA 468C
440LT47KZ-R	440L X760 Y500VAC 470pF $\pm 20\%$ Y5U T&R&R e	EIA 468B	EIA 468C
562R10TSD22QX	562R 1KVDC 2200PF $\pm 10\%$ X5F T&R E3	CeraMite standard	EIA 468C
562R5GAS10QM	562R 1KVDC 10000pF $\pm 20\%$ Z5U T&R e3	CeraMite standard	EIA 468C
564R30GAD47RJ	564R 3KVDC 4700pF $\pm 20\%$ Z5U T&R&R e3	EIA 468B	EIA 468C
564R30TSSD47XK	564R 3KVDC 4700PF $\pm 20\%$ Y5S T&R&R e3	EIA 468B	EIA 468C

The adjustment will include as well standard reel sizes. Currently the dimensions were as follows (dimensions in mm):



In the future the dimensions will be (dimensions in mm):





Furthermore the specification for the taping is adjusted as indicated in table below:

ITEM	CODE	Current Spec.	Future Spec.
		Dimensions (mm)	Dimensions (mm)
Pitch of component	P	25.4	25.4 ± 1
Pitch of sprocket hole	P0	12.7 ± 0.4	12.7 ± 0.3
Lead spacing	F	10.0 ± 1.0	10 ± 0.8
Length from hole center to component center	P2	-	12.7 ± 1.3
Length from hole center to component lead	P1	7.7 ± 1.5	(0.5F) ± 0.7
Disc diameter	D	See individual product spec.	See individual product spec.
Deviation along tape, left / right	$\Delta S/\Delta p$	0 ± 2.0	± 1.3 max.
Component alignment / Average deviation across tape	Δh	0 ± 1.0	± 1.0
Carrier tape width	W	18.0 ± 0.5	18.0 + 1 / - 0.5
Position of sprocket hole	W1	9.0 - 0.5 / + 0.75	9.0 + 0.75 / - 0.5
Height to component body (lead Fig. 11)	H	18.0 + 2.0 / - 1.0	18.0 + 2 / - 0
Height to seating plane (lead Fig. 12 to 15)	H0	16.0 ± 0.5	16.0 ± 0.5
Protrusion length	P3	3.0 max.	NA
Diameter of sprocket hole	D0	4.0 ± 0.2	4.0 ± 0.2
Total tape thickness	t / t1	0.6 ± 0.3	0.9 max.
Total thickness, tape and lead wire	t2	1.5 max.	2.0 max.
Portion to cut	L	11.0 max.	11.0 max.
Hold down tape width	W0	11.5 max.	5 min.
Hold down tape position	W2	1.5 ± 1.5	3.0 max.
Figure		1	2

Marked in yellow are the revised specifications. – Revision 1

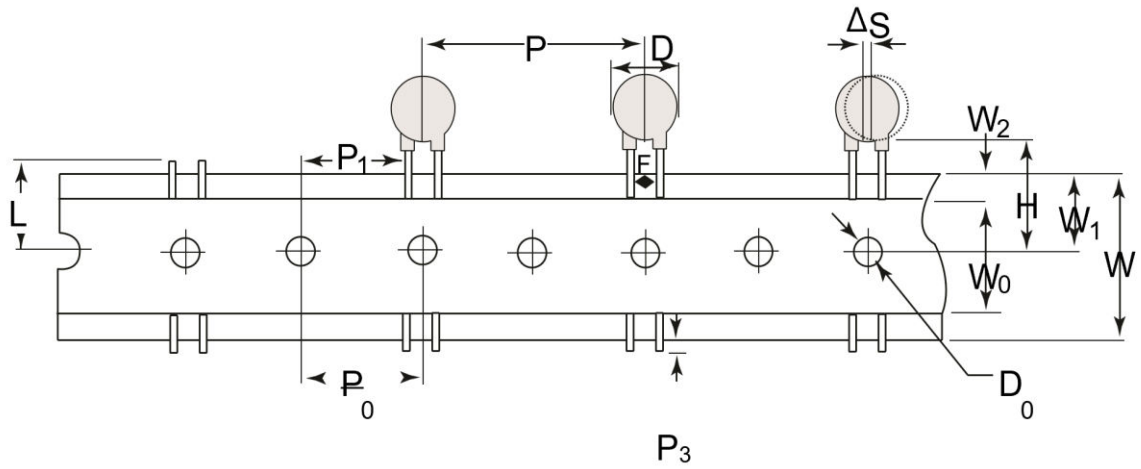


Figure 1: Current Spec.

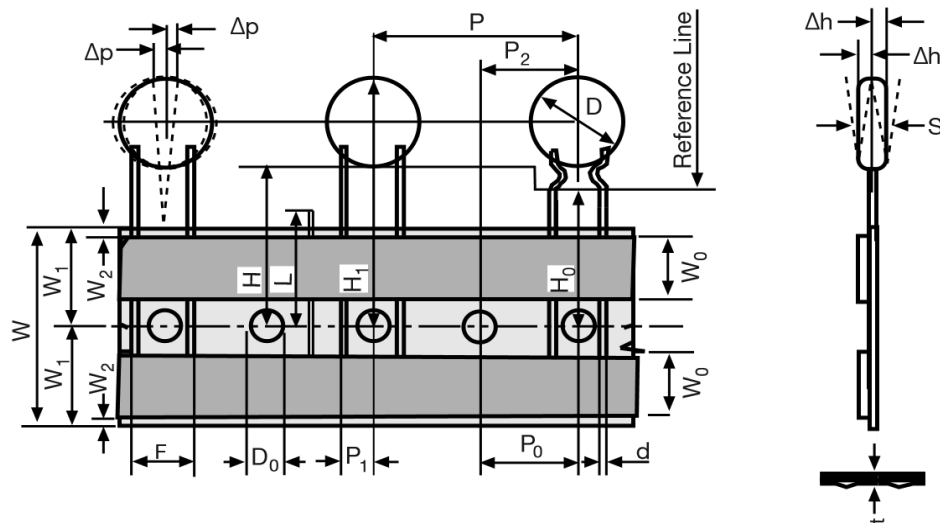


Figure 2: Future Spec.

Vishay Material Code	Customer Material	Location
562R10TSD22QX	62-5404-004	Ft Worth
564R30GAD47RJ	VCS564R30GAD47RJ	Ft Worth
440LD47AP-R	VCS440LD47AP-R	Maisach Gernlinden
564R30TSSD47XK	VCS564R30TSSD47XK	Maisach Gernlinden