



Product Change Notification



Product Group: CC/Mon Nov 29, 2021/PCN-CC-00002-2021-REV-0

Additional Epoxy Supplier for BCc Line Safety Capacitor Series

DESCRIPTION OF CHANGE: To secure the supply chain for our customer we introduce an additional source for the dry epoxy used as coating for the BCc line safety capacitor series AY1 and AY2. This introduction will have no impact on the quality and reliability and is certified by the responsible certification bodies.

REASON FOR CHANGE: additional source

EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE: No influence on form, fit, function

PART NUMBERS/SERIES/FAMILIES AFFECTED: Please see materials list on the succeeding page.

VISHAY BRAND(s): Vishay BCcomponents

TIME SCHEDULE:

Start Shipment Date: Sun May 29, 2022

SAMPLE AVAILABILITY: available

PRODUCT IDENTIFICATION: By series: AY1 series and AY2 series

QUALIFICATION DATA: available

This PCN is considered approved, without further notification, unless we receive specific customer concerns before Wed Dec 29, 2021 or as specified by contract.

ISSUED BY: Dr. Florian Weyland, Florian.Weyland@vishay.com

For further information, please contact your regional Vishay office.

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| | | | | |
|--------------------|--------------------|--------------------|--------------------|--------------------|
| AY1-KIT-GA | AY1102M37Y5UC63L0 | AY1102M37Y5UC65L0 | AY1102M37Y5UC6BV0 | AY1102M37Y5UC6TL0 |
| AY1102M37Y5UC6TV0 | AY1102M37Y5UC6UV0 | AY1152M41Y5UC63L0 | AY1152M41Y5UC6TL0 | AY1152M41Y5UC6TLX |
| AY1152M41Y5UC6TVX | AY1222M47Y5UC63L0 | AY1222M47Y5UC67L0 | AY1222M47Y5UC6TL0 | AY1222M47Y5UC6TV0 |
| AY1222M47Y5UC6UL0 | AY1222M47Y5UC6UV0 | AY1272M53Y5UC63L0 | AY1332M57Y5UC63L0 | AY1332M57Y5UC6TV0 |
| AY1392M61Y5UC63L0 | AY1471M31Y5UC63L0 | AY1471M31Y5UC63V0 | AY1471M31Y5UC6TL0 | AY1471M31Y5UC6TV0 |
| AY1471M31Y5UC6UV0 | AY1472M65Y5UC63L0 | AY1472M65Y5UC63V0 | AY1472M65Y5UC6TL0 | AY1472M65Y5UC6TLX |
| AY1472M65Y5UC6TV0 | AY1472M65Y5UC6UV0 | AY1681M35Y5UC63L0 | AY21-KIT-HF | AY2100K29U2JS |
| AY2100K29U2JS63L7 | AY2100K29U2JS6BV7 | AY2100K29U2JS6TL7 | AY2100K29U2JS6UL7 | AY2101K29Y5SS |
| AY2101K29Y5SS63L7 | AY2101K29Y5SS63V7 | AY2101K29Y5SS6BV7 | AY2101K29Y5SS6TL0 | AY2101K29Y5SS6TL0B |
| AY2101K29Y5SS6TL7 | AY2101K29Y5SS6TV0 | AY2101K29Y5SS6TV7 | AY2101K29Y5SS6UL7 | AY2101K29Y5SS6UV7 |
| AY2102K29Y5US63L0 | AY2102K29Y5US63V0 | AY2102K29Y5US6TL0B | AY2102K29Y5US6TV0B | AY2102K29Y5US6UV0 |
| AY2102M29Y5US | AY2102M29Y5US63L5 | AY2102M29Y5US63L7 | AY2102M29Y5US63V0 | AY2102M29Y5US6BV7 |
| AY2102M29Y5US6TL7 | AY2102M29Y5US6UL7 | AY2102M29Y5US6UV0 | AY2102M29Y5US6UV7 | AY2103M61Y5VS63L0 |
| AY2103M61Y5VS6TL0 | AY2103M61Y5VS6TL7 | AY2103M61Y5VS6TV0 | AY2103M61Y5VS6UV7 | AY2150K29U2JS |
| AY2150K29U2JS63L7 | AY2150K29U2JS6TL7 | AY2150K29U2JS6UL7 | AY2151K29Y5SS | AY2151K29Y5SS63L7 |
| AY2151K29Y5SS6TL0 | AY2151K29Y5SS6TL0B | AY2151K29Y5SS6TL7 | AY2151K29Y5SS6TV0B | AY2151K29Y5SS6UL7 |
| AY2152M31Y5US | AY2152M31Y5US63L7 | AY2152M31Y5US63V0 | AY2152M31Y5US6TL7 | AY2152M31Y5US6TV5 |
| AY2152M31Y5US6UL5 | AY2152M31Y5US6UL7 | AY2152M31Y5US6UV0 | AY2152M31Y5US6UV7 | AY2220K29U2JS |
| AY2220K29U2JS63L7 | AY2220K29U2JS6TL7 | AY2220K29U2JS6UL7 | AY2221K29Y5SS | AY2221K29Y5SS63L0 |
| AY2221K29Y5SS63L7 | AY2221K29Y5SS63V7 | AY2221K29Y5SS6TL0 | AY2221K29Y5SS6TL7 | AY2221K29Y5SS6TV0 |
| AY2221K29Y5SS6TV7 | AY2221K29Y5SS6UL7 | AY2221K29Y5SS6UV7 | AY2222M35Y5US | AY2222M35Y5US63L0 |
| AY2222M35Y5US63L5 | AY2222M35Y5US63L7 | AY2222M35Y5US63L7A | AY2222M35Y5US63V0 | AY2222M35Y5US63V7 |
| AY2222M35Y5US6AV7 | AY2222M35Y5US6BV7 | AY2222M35Y5US6TL0 | AY2222M35Y5US6TL0B | AY2222M35Y5US6TL5 |
| AY2222M35Y5US6TL7 | AY2222M35Y5US6TV0B | AY2222M35Y5US6TV7 | AY2222M35Y5US6UL7 | AY2222M35Y5US6UV7 |
| AY2330K29U2JS | AY2330K29U2JS63L7 | AY2330K29U2JS6TL7 | AY2330K29U2JS6UL7 | AY2331K29Y5SS |
| AY2331K29Y5SS63L7 | AY2331K29Y5SS63V7 | AY2331K29Y5SS6TL0 | AY2331K29Y5SS6TL7 | AY2331K29Y5SS6TV0 |
| AY2331K29Y5SS6TV7 | AY2331K29Y5SS6UL7 | AY2331K29Y5SS6UV0 | AY2331K29Y5SS6UV7 | AY2332M41Y5US |
| AY2332M41Y5US63L5 | AY2332M41Y5US63L7 | AY2332M41Y5US63V0 | AY2332M41Y5US6AV7 | AY2332M41Y5US6BV7 |
| AY2332M41Y5US6TL7 | AY2332M41Y5US6UL7 | AY2332M41Y5US6UV0 | AY2332M41Y5US6UV7 | AY2392M43Y5US |
| AY2392M43Y5US63L7 | AY2392M43Y5US63V0 | AY2392M43Y5US6TL7 | AY2392M43Y5US6UL7 | AY2470K29U2JS |
| AY2470K29U2JS63L7 | AY2470K29U2JS63V7 | AY2470K29U2JS6TL7 | AY2470K29U2JS6UL7 | AY2470K29U2JS6UV7 |
| AY2471K29Y5SS | AY2471K29Y5SS63L5 | AY2471K29Y5SS63L7 | AY2471K29Y5SS6BV7 | AY2471K29Y5SS6TL0 |
| AY2471K29Y5SS6TL0B | AY2471K29Y5SS6TL5B | AY2471K29Y5SS6TL7 | AY2471K29Y5SS6TV0B | AY2471K29Y5SS6UL7 |
| AY2471K29Y5SS6UV7 | AY2471M29Y5SS6TL0 | AY2471M29Y5SS6TV0 | AY2472K49Y5US6TL5 | AY2472M49Y5US |
| AY2472M49Y5US63L5 | AY2472M49Y5US63L7 | AY2472M49Y5US63V0 | AY2472M49Y5US6BV7 | AY2472M49Y5US6TL0 |
| AY2472M49Y5US6TL7 | AY2472M49Y5US6TV0 | AY2472M49Y5US6TV7 | AY2472M49Y5US6UL0 | AY2472M49Y5US6UL7 |
| AY2472M49Y5US6UV0 | AY2472M49Y5US6UV7 | AY2680K29Y5SS | AY2680K29Y5SS63L7 | AY2680K29Y5SS6TL7 |
| AY2680K29Y5SS6UL7 | AY2681K29Y5US6TL0 | AY2681M29Y5SU6TV0B | AY2681M29Y5US | AY2681M29Y5US63L7 |
| AY2681M29Y5US63V0 | AY2681M29Y5US63V7A | AY2681M29Y5US6TL7 | AY2681M29Y5US6TV0B | AY2681M29Y5US6TV7 |
| AY2681M29Y5US6TV7A | AY2681M29Y5US6UL7 | | | |

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| | |
|---------------------------------------|---------------------------------------|
| Worked on: (Name, Function) | Dr. Florian Weyland, Productmarketing |
| Date: | 29.11.2021 |
| PCN number: | PCN-CC-00002-2021 Rev0 |
| Signature: | F. Weyland |

Form provided by 2YB - Revision 4.1 - November 2019

| | | | | | |
|---|--------------------------------|---|---|--|-----------------------------|
| Hide Text | | Values: Hide Rows | | Values: Hide Columns | |
| Assessment of impact on Supply Chain regarding following aspects - contractual agreements - technical interface of processability/manufacturability of customer - form, fit, function, quality performance, reliability | | Remaining risks within Supply Chain? No Yes | | Understanding of component experts Examples to explain | |
| ID | Type of change | | | | |
| PAS-CER-MAL08 | Change of supplier of material | - | p | Change to a new or additional material supplier at component manufacturer. | 4.9, for 2nd source purpose |
| Tests, which should be considered for the appropriate process change. | | | | | |
| Tests, which should be considered for the appropriate process change after selection of condition table. | | | | | |
| Suppliers performed tests (mark with an "X" for done or "G" for generic) | | | | | |
| Reason for exception of tests and/or usage of generic data: Change is the addition of supplier of epoxy material. For qualification tests generic data can be used. Terminal strength, physical dimension, formability and resistance to solvents is proven by certification according IEC60384-14 by certification body. Thermal shock is n.a. | | | | | |

| Evaluation level A / B / C | Further applicable conditions | MATERIAL PERFORMANCE TEST RESULTS (on the device evaluation) | | | | | | | | | | | | | | | |
|---|-------------------------------|--|---------------------|-------------------------------|------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|--|
| | | AEC-Q200 Revision D | | | | | | | | | | | | | | | |
| | | High Temp. Exposure Storage | Temperature Cycling | Temperature Physical Analysis | Mechanical Shock | Electrostatic Discharge (ESD) | Electrostatic Discharge (ESD) | Electrostatic Discharge (ESD) | Electrostatic Discharge (ESD) | Electrostatic Discharge (ESD) | Electrostatic Discharge (ESD) | Electrostatic Discharge (ESD) | Electrostatic Discharge (ESD) | Electrostatic Discharge (ESD) | Electrostatic Discharge (ESD) | Electrostatic Discharge (ESD) | |
| C | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Tests, which should be considered for the appropriate process change. | | | | | | | | | | | | | | | | | |
| Tests, which should be considered for the appropriate process change after selection of condition table. | | | | | | | | | | | | | | | | | |
| Suppliers performed tests (mark with an "X" for done or "G" for generic) | | | | | | | | | | | | | | | | | |
| Reason for exception of tests and/or usage of generic data: Change is the addition of supplier of epoxy material. For qualification tests generic data can be used. Terminal strength, physical dimension, formability and resistance to solvents is proven by certification according IEC60384-14 by certification body. Thermal shock is n.a. | | | | | | | | | | | | | | | | | |

Mark change with an "x"

Selection of component