



Product Change Notification



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SFERNICE D2TO RESISTORS NEW MANUFACTURING PROCESS

DESCRIPTION OF CHANGE: In line with our commitment for continuous improvement, Vishay Sfernice is implementing new material and new manufacturing processes for D2TO020 & D2TO035 Power Thick Film Resistors. New manufacturing process is AEC-Q200 qualified.

- **Body package:** from Thermoset Transfer to Thermoplastic Injection.
- **Cleaning after soldering:** from manual process to Automated machine
- **Ohmic value adjustment:** from sand blasting to Laser Trimming.

All other products specifications remain unchanged.

CLASSIFICATION OF CHANGE: Assembly Process/Structure

REASON FOR CHANGE: Quality/Process improvement

EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE: none

PRODUCT CATEGORY: Resistor

PART NUMBERS/SERIES/FAMILIES AFFECTED: all Part Numbers **D2TOxxx** (see P/Ns list)

VISHAY BRAND(s): SFERNICE

TIME SCHEDULE:

Start Shipment Date: W26/19
Last Time Buy Date: Not applicable
Last Time Shipment Date: Not applicable

SAMPLE AVAILABILITY: week 26/2019

PRODUCT IDENTIFICATION: DC > Week 26 of 2019 /

QUALIFICATION DATA: available on request / ZVEI documents available

This PCN is considered approved, without further notification, unless we receive specific customer concerns before n/a or as specified by contract.

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ONE OF THE WORLD'S LARGEST MANUFACTURERS OF DISCRETE SEMICONDUCTORS AND PASSIVE COMPONENT

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D2TO Materials				
D2TO020CR0100FTE3	D2TO020CR0220FTE3	D2TO035C33R00FTE3	D2TO020C1R500JRE3	D2TO020C15000JRTA4
D2TO035C22R00FTE3	D2TO020CR0680FTE3	D2TO035C35000JRE3	D2TO020C22R00FTE3	D2TO020C16001FRE3
D2TO035C250R0FRE3	D2TO020CR2000FTE3	D2TO035C36000JRE3	D2TO020C2R000FTE3	D2TO020C16001FRTA4
D2TO020C10000FTE3	D2TO020CR2200FTE3	D2TO035C390R0FTE3	D2TO020C34001FRTA4	D2TO020C16R50FTE3
D2TO020C10000JTE3	D2TO020CR4700FTE3	D2TO035C3R000FTE3	D2TO020C34001FTE3	D2TO020C20000KTE3
D2TO020C100R0FRE3	D2TO020CR4700KTE3	D2TO035C3R300JTE3	D2TO020C3R000FRE3	D2TO020C34001FRE3
D2TO020C100R0FTE3	D2TO035C10000FTE3	D2TO035C43000JRE3	D2TO020C40R20FRE3	D2TO020C365R0JTE3
D2TO020C100R0JTE3	D2TO035C100R0FRE3	D2TO035C43000JRTB2	D2TO020C4R020FRE3	D2TO020C3R000JRE3
D2TO020C100R0KRE3	D2TO035C100R0FTE3	D2TO035C44000JTE3	D2TO020C4R870FRE3	D2TO020C82R00JRE3
D2TO020C10R00FTE3	D2TO035C100R0GTE3	D2TO035C470R0FRE3	D2TO020C50R00FTE3	D2TO020C82R00JRTA4
D2TO020C10R00JRE3	D2TO035C10R00FTE3	D2TO035C470R0JRE3	D2TO020C7R500FRE3	D2TO020CR0500FTE3
D2TO020C11001KTE3	D2TO035C10R00JRE3	D2TO035C47R00FTE3	D2TO020C82R00JTE3	D2TO020CR1100JTE3
D2TO020C12R00FRE3	D2TO035C13701FTE3	D2TO035C500R0FTE3	D2TO020C9R420FRE3	D2TO020CR3300FTE3
D2TO020C15R00FTE3	D2TO035C15001FRE3	D2TO035C50R00FTE3	D2TO020CR0150FTE3	D2TO020CR4300KTE3
D2TO020C16501FTE3	D2TO035C150R0FRE3	D2TO035C50R00JRE3	D2TO020CR0320FRE3	D2TO020CR5000KTE3
D2TO020C1R000FTE3	D2TO035C150R0FTE3	D2TO035C50R00JTE3	D2TO020CR0470FTE3	D2TO035C10000KTE3
D2TO020C20R00JRE3	D2TO035C150R0GRE3	D2TO035C50R00KRE3	D2TO020CR1000FTE3	D2TO035C10001FRE3
D2TO020C220R0JTE3	D2TO035C150R0GTE3	D2TO035C59001FRE3	D2TO035C10R00FRE3	D2TO035C100R0GRE3
D2TO020C22R00FRE3	D2TO035C150R0JTE3	D2TO035C5R000FRE3	D2TO035C10R00JTE3	D2TO035C12000FRE3
D2TO020C22R00FTE3	D2TO035C1R000FRE3	D2TO035C5R000FTE3	D2TO035C12000FTE3	D2TO035C18R00JTE3
D2TO020C25R00FRE3	D2TO035C1R000FTE3	D2TO035C5R000GTE3	D2TO035C130R0JRE3	D2TO035C1R000GRE3
D2TO020C2R200FTE3	D2TO035C1R600FRE3	D2TO035C7R500FRE3	D2TO035C15R00FTE3	D2TO035C200R0FRE3
D2TO020C2R200JTE3	D2TO035C1R600FTE3	D2TO035C7R500FTE3	D2TO035C1R000JTE3	D2TO035C200R0JTE3
D2TO020C30R00JRE3	D2TO035C200R0FTE3	D2TO035C82R00FTE3	D2TO035C270R0JRE3	D2TO035C20R00FRE3
D2TO020C30R00JTE3	D2TO035C200R0KRE3	D2TO035C8R000JRE3	D2TO035C33000JRE3	D2TO035C20R00FTE3
D2TO020C33000FRE3	D2TO035C200R0KTE3	D2TO035CR0100FTE3	D2TO035C47R00FRE3	D2TO035C2R000FRE3
D2TO020C33000FTE3	D2TO035C220R0FRE3	D2TO035CR0220FTE3	D2TO035C4R700FRE3	D2TO035C30R00FTE3
D2TO020C33000KTE3	D2TO035C220R0JTE3	D2TO035CR0500FRE3	D2TO035C4R700FTE3	D2TO035C33000FTE3
D2TO020C390R0KRE3	D2TO035C22R00GRE3	D2TO035CR0500FTE3	D2TO035C75R00FRE3	D2TO035C33000JTE3
D2TO020C3R300JTE3	D2TO035C22R00JRE3	D2TO035CR0680FTE3	D2TO035CR0100FRE3	D2TO035C47R00JTE3
D2TO020C47R00FTE3	D2TO035C250R0FTE3	D2TO035CR1000FRE3	D2TO035CR0150FTE3	D2TO035C499R0FTE3
D2TO020C4R700FTE3	D2TO035C26100GRE3	D2TO035CR2200FTE3	D2TO035CR0470FTE3	D2TO035CR0680FRE3
D2TO020C4R700JTE3	D2TO035C2R000FTE3	D2TO035CR4700FTE3	D2TO035CR1000FTE3	D2TO035CR1500FTE3
D2TO020C50R00JTE3	D2TO035C2R200FRE3	D2TO035CR5000FTE3	D2TO035CR2000FRE3	D2TO035CR4700FRE3
D2TO020C5R000FTE3	D2TO035C2R200FTE3	D2TO020C15000JTE3	D2TO035CR2000FTE3	D2TO035CR5000FRE3
D2TO020C5R000JTE3	D2TO035C30R00JRE3	D2TO020C150R0JTE3	D2TO020C10001JTE3	
D2TO020C75R00FTE3	D2TO035C30R00JTE3	D2TO020C16001FTE3	D2TO020C12R00FTE3	
D2TO020C7R500FTE3	D2TO035C330R0JTE3	D2TO020C1R500FTE3	D2TO020C15000JRE3	

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New ENGEL moulding machine using "thermoplastic":



Automated cleaning in MB Tech machine:



Automated adjustment by Laser TL1:



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