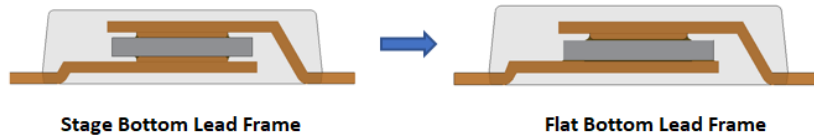


Lead Frame Consolidation in SlimSMAW Package

DESCRIPTION OF CHANGE:

Vishey Diodes Division is converting the bottom Lead-frame of SlimSMAW (DO-221AD) package from stage design to flat pad as shown below. Meanwhile the soldering process will be also optimized to support process improvement and consolidation for maximum capacity utilization.



Qualification tests have been confirmed to meet and pass all specifications. There is no change in form, fit and function on all involved part numbers.

CLASSIFICATION OF CHANGE: Assembly process/structure

REASON FOR CHANGE: Continuous process and capacity support improvement

EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE:

No change in quality and reliability performance

PRODUCT CATEGORY: PAR® TVS, FRED Pt® and TMBS®

PART NUMBERS/SERIES/FAMILIES AFFECTED: Involved product series are listed in the table below.

TA6L10AHM3/H	TA6L27A-BHM3/H	TA6L7.5A-BHM3/H	VSS8D3M10HM3/H	VSS8D5M15HM3/H
TA6L10AHM3/I	TA6L27A-BHM3/I	TA6L7.5A-BHM3/I	VSS8D3M10HM3/I	VSS8D5M15HM3/I
TA6L11AHM3/H	TA6L27AHM3/H	TA6L7.5AHM3/H	VSS8D3M12-BHM3/H	VSS8D5M6-M3/H
TA6L11AHM3/I	TA6L27AHM3/I	TA6L7.5AHM3/I	VSS8D3M12-BHM3/I	VSS8D5M6-M3/I
TA6L12AHM3/H	TA6L30A-BHM3/H	TA6L8.2AHM3/H	VSS8D3M12-M3/H	VSS8D5M6HM3/H
TA6L12AHM3/I	TA6L30A-BHM3/I	TA6L8.2AHM3/I	VSS8D3M12-M3/I	VSS8D5M6HM3/I
TA6L13A-BHM3/H	TA6L30AHM3/H	TA6L9.1AHM3/H	VSS8D3M12HM3/H	VSS8D812-BHM3/H
TA6L13A-BHM3/I	TA6L30AHM3/I	TA6L9.1AHM3/I	VSS8D3M12HM3/I	VSS8D812-BHM3/I
TA6L13AHM3/H	TA6L33A-BHM3/H	VSS8D2L6-BHM3/H	VSS8D3M15-M3/H	VS-2EYH01-M3/H
TA6L13AHM3/I	TA6L33A-BHM3/I	VSS8D2L6-BHM3/I	VSS8D3M15-M3/I	VS-2EYH01-M3/I
TA6L15A-BHM3/H	TA6L33AHM3/H	VSS8D2M10-M3/H	VSS8D3M15HM3/H	VS-2EYH01HM3/H
TA6L15A-BHM3/I	TA6L33AHM3/I	VSS8D2M10-M3/I	VSS8D3M15HM3/I	VS-2EYH01HM3/I
TA6L15AHM3/H	TA6L36A-BHM3/H	VSS8D2M10HM3/H	VSS8D3M6-01HM3/H	VS-2EYH02-BHM3/H
TA6L15AHM3/I	TA6L36A-BHM3/I	VSS8D2M10HM3/I	VSS8D3M6-01HM3/I	VS-2EYH02-BHM3/I
TA6L16A-BHM3/H	TA6L36AHM3/H	VSS8D2M12-M3/H	VSS8D3M6-BHM3/H	VS-2EYH02-M3/H
TA6L16A-BHM3/I	TA6L36AHM3/I	VSS8D2M12-M3/I	VSS8D3M6-BHM3/I	VS-2EYH02-M3/I
TA6L16AHM3/H	TA6L39AHM3/H	VSS8D2M12HM3/H	VSS8D3M6-M3/H	VS-2EYH02HM3/H
TA6L16AHM3/I	TA6L39AHM3/I	VSS8D2M12HM3/I	VSS8D3M6-M3/I	VS-2EYH02HM3/I
TA6L18A-BHM3/H	TA6L43A-BHM3/H	VSS8D2M15-M3/H	VSS8D3M6HM3/H	VS-3EYH01-M3/H
TA6L18A-BHM3/I	TA6L43A-BHM3/I	VSS8D2M15-M3/I	VSS8D3M6HM3/I	VS-3EYH01-M3/I
TA6L18AHM3/H	TA6L43AHM3/H	VSS8D2M15HM3/H	VSS8D5M10-M3/H	VS-3EYH01HM3/H
TA6L18AHM3/I	TA6L43AHM3/I	VSS8D2M15HM3/I	VSS8D5M10-M3/I	VS-3EYH01HM3/I
TA6L20A-BHM3/H	TA6L47AHM3/H	VSS8D2M6-M3/H	VSS8D5M10HM3/H	VS-3EYH02-M3/H
TA6L20A-BHM3/I	TA6L47AHM3/I	VSS8D2M6-M3/I	VSS8D5M10HM3/I	VS-3EYH02-M3/I
TA6L20AHM3/H	TA6L51AHM3/H	VSS8D2M6HM3/H	VSS8D5M12-M3/H	VS-3EYH02HM3/H
TA6L20AHM3/I	TA6L51AHM3/I	VSS8D2M6HM3/I	VSS8D5M12-M3/I	VS-3EYH02HM3/I
TA6L22AHM3/H	TA6L6.8A-BHM3/H	VSS8D3M10-01HM3/H	VSS8D5M12HM3/H	
TA6L22AHM3/I	TA6L6.8A-BHM3/I	VSS8D3M10-01HM3/I	VSS8D5M12HM3/I	
TA6L24AHM3/H	TA6L6.8AHM3/H	VSS8D3M10-M3/H	VSS8D5M15-M3/H	
TA6L24AHM3/I	TA6L6.8AHM3/I	VSS8D3M10-M3/I	VSS8D5M15-M3/I	

**Upon this PCN approval, all future and customized part number for related product in the same package will adopt the same change.



Product Change Notification



Product Group: Diodes Division / October 27, 2021 / PCN-DD-018-2021 Rev. 0

VISHAY BRAND: Vishay General Semiconductor

TIME SCHEDULE: Start Conversion Date: February 1st, 2022

SAMPLE AVAILABILITY: Available upon request

PRODUCT IDENTIFICATION: New changed traceability is done through lot number

QUALIFICATION DATA: Available upon request.

RESPONSE DATE: This PCN is considered approved, without further notification, unless we receive specific customer concerns before **January 27, 2022** or as specified by contract.

ISSUED BY: Alessandro Bonaudo, Product Marketing Director – Ultrafast Rectifier
Keesuan. Foo, Product Marketing Director – TVS
R.S. Chin, Product Marketing Director – Standard & Schottky Rectifier

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