



Product Change Notification


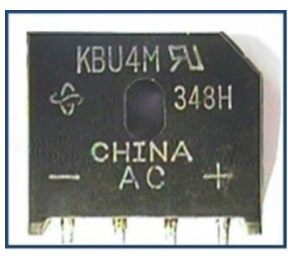
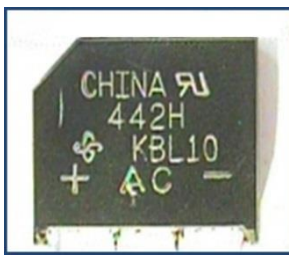
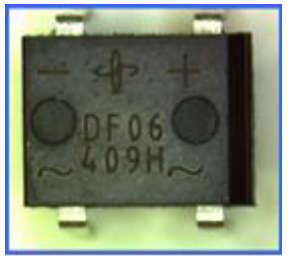
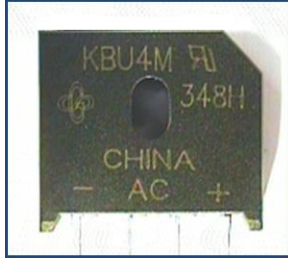
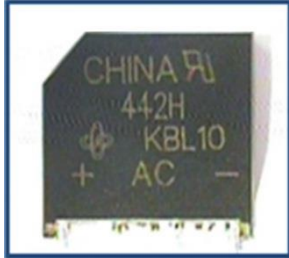


Product Group: Diodes Division / April 7, 2015 / PCN-DD-015-2015 Rev 0

Marking Method Change and Dicing Process Integration for Bridge Rectifier

DESCRIPTION OF CHANGE : Vishay Diodes Division will change the marking method of Bridge Rectifier of DFM(S), DFL, KBL and KBU series from UV ink to laser for marking process improvement. There will be no change in form, fit and function of final products. Please refer to photos for detail markings as below shown.

Including in this PCN, dicing process will be integrated in the assembly location for eliminating potential dice damage during transportation, DFM(S), DFL, WOG and GBPC12 ~ 35(W) product series are involved in this change.

Current (UV ink)			
New (Laser Marking)			

CLASSIFICATION OF CHANGE : Assembly process/marketing

REASON FOR CHANGE : Consolidation and delivery improvement

EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE :
No change in quality and reliability performance

PRODUCT CATEGORY : Bridge Rectifier

VISHAY BRAND : Vishay General Semiconductor

TIME SCHEDULE : Start conversion date: June 15, 2015

SAMPLE AVAILABILITY : Available upon request



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PART NUMBERS/SERIES/FAMILIES AFFECTED : The affected part numbers are listed below

➤ Dicing process integration

Material	Material	Material	Material
GBPC12005-E4/51	GBPC1204W-E4/51	GBPC3508-2E4/51	B380C1500G-E4/51
GBPC1201-E4/51	GBPC1206W-E4/51	GBPC3508-E4/51	B40C1500G-E4/51
GBPC1202-E4/51	GBPC1208W-E4/51	GBPC3510-E4/51	B80C1500G-E4/51
GBPC1204-E4/51	GBPC1210W-E4/51	GBPC35005W-E4/51	B125C1000G-E4/51
GBPC1206-E4/51	GBPC15005W-E4/51	GBPC3501W-E4/51	B125C800G-E4/51
GBPC1208-E4/51	GBPC1501W-E4/51	GBPC3502W-E4/51	B250C1000G-E4/51
GBPC1210-E4/51	GBPC1502W-E4/51	GBPC3504W-E4/51	B250C800G-E4/51
GBPC15005-E4/51	GBPC1504W-E4/51	GBPC3504WL-1E4/51	B250C800GL-81E4/51
GBPC1501-E4/51	GBPC1504WL-82E4/51	GBPC3506W-E4/51	B380C1000G-E4/51
GBPC1502-E4/51	GBPC1506W-E4/51	GBPC3506WL-01E4/51	B380C800G-E4/51
GBPC1504-E4/51	GBPC1508W-E4/51	GBPC3508W-E4/51	B40C1000G-E4/51
GBPC1506-E4/51	GBPC1510W-E4/51	GBPC3510W-E4/51	B40C800G-E4/51
GBPC1508-E4/51	GBPC25005W-E4/51	2W005G-E4/51	B80C1000G-E4/51
GBPC1510-E4/51	GBPC2501W-E4/51	2W01G-E4/51	B80C800G-E4/51
GBPC25005-E4/51	GBPC2502W-E4/51	2W02G-E4/51	B80C800GL-801E4/51
GBPC2501-E4/51	GBPC2504W-E4/51	2W04G-E4/51	W005G-E4/51
GBPC2502-E4/51	GBPC2506W-801E4/51	2W06G-E4/51	W01G-E4/51
GBPC2504-6370E4/51	GBPC2506W-E4/51	2W06GL-5300E4/51	W02G-E4/51
GBPC2504-E4/51	GBPC2508W-E4/51	2W08G-E4/51	W02GL-6345E4/51
GBPC2506-6495E4/51	GBPC2508WL-81E4/51	2W10G-E4/51	W02GL-7011E4/51
GBPC2506-E4/51	GBPC2510W-E4/51	2W10GL-5300E4/51	W04G-E4/51
GBPC2508-E4/51	GBPC35005-E4/51	2W10GL-7000E4/51	W06G-E4/51
GBPC2510-E4/51	GBPC3501-E4/51	2W10GL-7001E4/51	W06GL-7013E4/51
GBPC12005W-E4/51	GBPC3502-E4/51	B125C1500G-E4/51	W08G-E4/51
GBPC1201W-E4/51	GBPC3504-E4/51	B250C1500G-E4/51	W10G-E4/51
GBPC1202W-E4/51	GBPC3506-E4/51	B250C1500GL81E4/51	

➤ Laser marking change

Material	Material	Material	Material
KBL005-E4/51	KBU4B-E4/51	KBU6D-E4/51	KBU8BL-3E4/51
KBL01-E4/51	KBU4D-E4/51	KBU6G-E4/51	KBU8D-E4/51
KBL02-E4/51	KBU4G-E4/51	KBU6J-E4/51	KBU8G-E4/51
KBL04-E4/51	KBU4J-E4/51	KBU6K-E4/51	KBU8J-E4/51
KBL06-E4/51	KBU4K-E4/51	KBU6KL-7000E4/51	KBU8K-E4/51
KBL08-E4/51	KBU4M-E4/51	KBU6M-E4/51	KBU8M-E4/51
KBL10-E4/51	KBU6A-E4/51	KBU8A-E4/51	
KBU4A-E4/51	KBU6B-E4/51	KBU8B-E4/51	



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➤ Laser marking + Dicing process integration change

Material	Material	Material	Material
B125C800DM-E3/45	DF02S-E3/45	DF10SA-E3/45	DFL1502S-E3/45
B250C800DM-E3/45	DF02S-E3/77	DF10SA-E3/77	DFL1502S-E3/77
B380C800DM-E3/45	DF04MA-E3/45	DF10S-E3/45	DFL1504S-E3/45
B40C800DM-E3/45	DF04M-E3/45	DF10S-E3/77	DFL1504S-E3/77
B80C800DM-E3/45	DF04SA-E3/45	DF15005S-E3/45	DFL1506S-E3/45
DF005MA-E3/45	DF04SA-E3/77	DF15005S-E3/77	DFL1506S-E3/77
DF005M-E3/45	DF04S-E3/45	DF1501S-E3/45	DFL1508S-E3/45
DF005SA-E3/45	DF04S-E3/77	DF1501S-E3/77	DFL1508S-E3/77
DF005SA-E3/77	DF06MA-E3/45	DF1502S-E3/45	DFL1510S-E3/45
DF005S-E3/45	DF06M-E3/45	DF1502S-E3/77	DFL1510S-E3/77
DF005S-E3/77	DF06SA-E3/45	DF1504S-E3/45	EDF1AM-E3/45
DF01MA-E3/45	DF06SA-E3/77	DF1504S-E3/77	EDF1AS-E3/45
DF01M-E3/45	DF06S-E3/45	DF1506S-E3/45	EDF1AS-E3/77
DF01SA-E3/45	DF06S-E3/77	DF1506S-E3/77	EDF1BM-E3/45
DF01SA-E3/77	DF08MA-E3/45	DF1508S-E3/45	EDF1BS-E3/45
DF01S-E3/45	DF08M-E3/45	DF1508S-E3/77	EDF1BS-E3/77
DF01S-E3/77	DF08SA-E3/45	DF1510S-E3/45	EDF1CM-E3/45
DF02M-7005E3/45	DF08SA-E3/77	DF1510S-E3/77	EDF1CS-E3/45
DF02MA-E3/45	DF08S-E3/45	DFL15005S-E3/45	EDF1CS-E3/77
DF02M-E3/45	DF08S-E3/77	DFL15005S-E3/77	EDF1DM-E3/45
DF02SA-E3/45	DF10MA-E3/45	DFL1501S-E3/45	EDF1DS-E3/45
DF02SA-E3/77	DF10M-E3/45	DFL1501S-E3/77	EDF1DS-E3/77

PRODUCT IDENTIFICATION : Not Applicable

QUALIFICATION DATA : Available upon request

RESPONSE DATE : This PCN is considered approved, without further notification, unless we receive specific customer concerns before **June 7, 2015** or as specified by contract.

ISSUED BY : RS Chin, Product Marketing Director – Standard Rectifier

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