



8755 W. Higgins Road Suite 500
Chicago, Illinois USA 60631

April 17th 2020

RE: LFPCN41347 Littelfuse TPSMB and TPSMC TVS Business Continuous Plan and Capacity Expansion

To our valued customers,

To serve our customers' continuous growth, Littelfuse would like to implement this Business Continuous Plan of TPSMB and TPSMC Automotive TVS products ($\leq 100V$ Vbr), meanwhile to expand the capacity with improved automation and quality system.

This BCP will introduce the 2nd sources below to build up our robust supply chain, and the new additional capacity will support the long term growth of our automotive customers for the developing electrification.

Change Description

TPSMB ($\leq 100V$ Vbr)

Change Description	Before	After	Benefits
Manufacturing Line	Existing line	Existing line & New lines	Capacity extension
Lead Frame & Clip Vendor	L/F Vendor: JIH Long	L/F & Clip vendor: 1. JIH Long 2. G-Shank	BCP
	Clip vendor: G-Shank		
Solder Paste	Heraeus F367SN10-90P4	1. Heraeus FS5116 2. Indium 9.32	BCP
EMC	EME-G630AY Vendor: Sumitomo	1. EME-G630AYD Vendor: Sumitomo 2. EME-E500HME Vendor: Sumikon	BCP
Plating Source	1. Bandl (Suzhou) 2. Suyang (Wuxi)	1. Bandl (Suzhou) 2. Suyang (Wuxi) 3. Littelfuse inhouse (Wuxi)	BCP



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TPSMC (= <100V Vbr)

Change Description	Before	After	Benefits
Manufacturing Line	Old line	Old line & New lines	Capacity extension
Lead Frame & Clip Vendor	L/F Vendor: Kenly Clip vendor: G-Shank	L/F & Clip vendor: 1.SDI 2.G-Shank	BCP
Solder Paste	Heraeus F367SN10-90P4	1. Heraeus FS5116 2. Indium 9.32	BCP
EMC	EME-G720C Vendor: Sumitomo	1. EME-G720C Vendor: Sumitomo 2. EME-E500HME Vendor: Sumikon	BCP
Plating Source	1. Bandl (Suzhou) 2. Suyang (Wuxi)	1. Bandl (Suzhou) 2. Suyang (Wuxi) 3. Littelfuse inhouse (Wuxi)	BCP

All the changes have been qualified to AECQ101 with IATF16949 certified production line, and with no FIT/Form/Function change.

We provide in another attachment with the qualification report, also the impacted PNs (Automotive TPSMB and TPSMC, =<100V Vbr) are all listed as appendix in the end of qualification report.

We would implement this PCN by Jan.31 2021. This PCN letter is for your information and acknowledgement. If you require any specific data or product samples to certify this change, please contact Littelfuse® within 90 days of the notification date.

If you have any other questions or concerns, please contact your Littelfuse® local sales.

We value your business and look forward to assisting you whenever possible.

Best Regards,
Charlie Cai
Product Manager Automotive and Hi-Rel TVS