Littelfuse
Expertise Applied | Answers Delivered
8755 W. Higgins Road
Suite 500
Chicago, IL 60631
www.littelfuse.com

# RoHS Lab Analysis Report and Certification

HF Halogen Free

**Product Description:** **TVS SURF MT DO214AA T&R**
**Product Number:** **P6SMB160CA**

This document hereby certifies that the aforementioned product and all its associated materials, are in compliance with RoHS Directive (EU) 2015/863 of the European Parliament and of the Council on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

Furthermore, it is hereby reported that the aforementioned product is composed of the following materials wherein valid Eu RoHS exemptions may be indicated as applicable.

Table 1. Product material composition and applicable RoHS exemption(s)

| ICP ID | Raw Material Part Number | Raw Material Description | Applicable RoHS Exemption(s) |
|---|---|---|---|
| ICP-0027 | IC Wafer | Silicon Chip | |
| ICP-0029 | Propriety | Wafer Passivation | 7c-I |
| ICP-0377 | Copper | Clip (Copper Metal) | |
| ICP-0050 | F367SN10-90P4 | Solder Paste | 7a |
| ICP-0038 | Copper | Lead Frame | |
| ICP-0046 | - | Epoxy Molding Compound | |
| ICP-1787 | Pure Matte Tin | Tin Plating - SMD | |

Remarks: 7a - Lead in high melting temperature type solders (lead-based alloys containing 85 % by weight or more lead)
7c-I - Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors (piezoelectronic devices) or in a glass or ceramic matrix compound

**To view the third party RoHS validation report of these materials, see download procedure below.**

1. Go to "ICP Test Report" section in LFBC. (ICP Test report is located below Information Database)
2. Find and download the ICP report using ICP ID in the search box.

**Issued by:**
Diana Jane D. Gabinete
Global EHS Analyst

**Noted by:** Arsenio M. Cesista, Jr.
Global EHS Manager