



# UIC552 DERIVATION EN45545-2 COMPLIANCE REPORT

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Notification to	Product Manager	Product Manager	Product Manager	Product Manager			
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Compliance to Fire Protection on Railway Vehicles European Standard (EN45542-2+A1:2016-05)

Regarding TE Connectivity's activities with respect to the Fire Protection on Railway Vehicles European Standard (EN45545-2+A1:2016-05), please be advised of the following:

The UIC552 derivation connector's series as listed below are compliant with the EN45545-2+A1:2016-05 requirements according to the classification R22:HL3 and R23:HL3 criteria.

- CSF2544-0039-00000
- CSF2544-0039-A0001                      - CSF2544-0039-A0002                      - CSF2544-0039-A0003
- CSF2544-0039-B0001                      - CSF2544-0039-B0002

This information is applicable to products manufactured starting the latest revision date of this document.

The materials concerned by the fire and smoke tests required by the EN45545-2 have been tested in external accredited laboratories which have edited related tests report, as synthetized below:

- Phenolic Resin FTMP127 (lab CREPIM):

Test Report	Report date	Tests description	According to	Results	EN45545-2 requirements	
					R22:HL3	R23:HL3
RE 59 1374/04/199 A-Amdt 1	11-08-2017	Ds max, 25kWm <sup>-2</sup>	EN ISO5659-2:2012	91	≤ 150	≤ 300
RE 11 1374/04/199 A-Amdt 1	11-08-2017	LOI %	EN ISO4589-2:2006	49.0	≥ 32	≥ 32
RE ET 1374/04/199 A-Amdt 1	11-08-2017	CIT <sub>NLP</sub>	NF X70-100-1:2006 NF X70-100-2:2006	0.49	≤ 0.75	≤ 1.5