


		APPLICATION FOR EXTENSION OF ESCC QUALIFICATION APPROVAL			Page 1 Appl. No. 159S
Component Title: Wires and cables, Low-Frequency, 600V, silver-plated copper extruded crosslinked Fluoropolymer insulation, Based on Type 55/995X		Executive Member: UKSA		Date: 02/04/2025	
Components (including series and families) submitted for Extension of Qualification Approval: 1					
ESCC COMPONENT NO.	VARIANTS	RANGE OF COMPONENTS	BASED ON	TEST VEHICLE / S	COMPONENT SIMILAR
3901/012	01-80		55/9952	Var. 390101202B, 05B, 07B	Wires
			55/995X	Var. 390101251B, 62B	Cables
Component Manufacturer 2 TE Connectivity Aerospace, Defense and Marine, trading as Tyco Electronics UK, Ltd		Location of Manufacturing Plant(s) 3 Faraday Road, Dorcan, Swindon, UK		Date of original qualification approval: 4 Date: 01/02/1989 Certificate Ref No. 159	
ESCC Specifications used for Maintenance of qualification testing: 5 Generic: ESCC 3901 Is. 3 Detail(s): ESCC 3901/012 Is. 4		Deviations to LVT testing and Detail Specification used: 6 No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> (supply details in Box 15) Deviation from current Specifications: No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> (Supply details)		Qualification Extension Report reference and date: 7 WQ2356 Issue 8 (501-116273) March 2025	
Summary of procurement or equivalent test results during current validity period in support of this application (those to ESCC listed first) 8					
Project Name	Testing Level	LAT	Date code	Quantity Delivered	
PID changes since start of qualification 9 None <input checked="" type="checkbox"/> Minor* <input type="checkbox"/> Major* <input type="checkbox"/> *Provide details in box:		Current PID Verified by: 10 <div style="display: flex; justify-content: space-between;"> <div> Ref No: ELE-4KD-0101 Issue: 9 Rev Date: 21/01/2021 </div> <div> UKSA Name of Excutive Representative Date: 19/02/2021 </div> </div>			
Current Manufacturing facilities surveyed by: 11 <div style="display: flex; justify-content: space-between;"> <div> A.Forsythe, UKSA and F. Martinez, ESA (Name of Executive Representative) </div> <div> on 25/01/2017 (Date) </div> </div>					
Satisfactory: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Explain					
Report Reference: <u>ESA-TECQES-MIN-004093</u>					

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Failure Analysis, DPA, NCCS available: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> (Supply data)		12
Ref. No's and purposes:		
The undersigned hereby certifies on behalf of the ESCC Executive - that the above information is correct; - that the appropriate documentation has been evaluated; - that full compliance to all ESCC requirements is evidence (except as stated in box 15;) - that the reports and data are available at the ESCC Executive and therefore applies on behalf of UKSA as the responsible Executive Member for ESCC qualification status to be extended to the component(s) listed herein.		13
Date: 02/04/2025	<div>Denis Lacombe</div> <div> Digitally signed by Denis Lacombe Date: 2025.05.09 14:00:26 +02'00'</div>	<div>_____</div> <div>(Signature of the Executive Coordinator)</div>
Continuation of Boxes above:		14

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Executive Member:		UKSA	Date: 02/04/2025	159S
Non compliance to ESCC requirements: None				15
No.:	Specification	Paragraph	Non compliance	
Additional tasks required to achieve full compliance for ESCC qualification or rationale for acceptability of noncompliance:				16
Executive Manager Disposition				17
Application Approval: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				
Action / Remarks:				
Date:				
<div>Ali Zadeh</div> <div>Digitally signed by Ali Zadeh Date: 2025.04.29 11:05:35 +02'00'</div> <div>A.Zadeh: Head of the Avionics and EEE Division</div>				



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ANNEX 1: LIST OF TESTS DONE TO SUPPORT EXTENSION OF QUALIFICATION

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Tests conducted in compliance with:

- ESCC 3901 generic specification; Chart V (for ESCC/QPL parts); **See Tyco Report WQ2356 Issue 8**
- Or PID-TFD (for ESCC/QML parts)

Tests vehicle identification/description:

Detail Specification reference:

