			APPLICATION	FOR	EXTENSIO	N OF ES	CC Q	UALIFI	CATION APPROVAL		Page 1	1
LJCC			Component Title: Wires and cables, Low-Frequency, 600V, s extruded crosslinked modified ETFE, lightw						Appl. No	D.		
			Executive Member: UKSA				Date: 02/04/2025			257M		
Components (includi	ng series and famili	es) s	ubmitted for Extension	of Qu	ualification /	Approval:						1
ESCC COMPONENT NO.	COMPONENT VARIANTS		RANGE OF COMPONENTS		BASED ON)	TEST VEHICLE / S	COMPONENT SIMILAR		Т	
3901/020	01-80				55/9960			Wires: 390102001B, 03B, 07B				
3901/022	01-72				55/996x			Cable: 390102022B, 62B				
Component Manufacturer 2 TE Connectivity Aerospace, Defense and Marine, trading as Tyco Electronics UK, Ltd			Location of Manufacturing Plant(s) <u>3</u> Faraday Road, Dorcan, Swindon, UK			3	Date of original qualification approval: Date: 30/10/1999			4		
						Certificate Ref No. 257						
Maintenance of qualification testing: used Generic: ESCC 3901 Is. 3 No			used:			Qualification Extension Report reference and date: WQ2121 Issue 9 (501-116274) March 2025						
			No 🛛 Yes		(Supply o	letails)						
Summary of procure	ment or equivalent t	est r	esults during current va	alidity	period in su	pport of tl	nis ap	plicatio	on (those to ESCC listed fi	irst)		8
Project Name	Testing Le		LAT		1)ate code			Quantity		ered	
PID changes since st	tart of qualification		9	Cu	rrent PID V	erified by	:		UKSA			10
None 🛛					f No.		2404	N	lame of Excutive Represe	ntative	9	
Minor* Major* Major* Major*				Ref No: ELE-4KD-0101 Issue: 9 Date: 19/02/2021 Rev Date: 21/01/2021 19/02/2021			19/02/2021	1				
Current Manufacturing facilities surveyed by: A.Forsyth				ythe, UKSA and F. Martinez, ESA on 25/01/2017								
						(Date)						
Satisfactory:	Yes 🛛		No 🗆 Exp	olain								
Report Reference:	ESA-TECO	QES-	MIN-004093									

APPLICATION FOR EXTENSION OF ESCC QUALIFICATION APPROVAL					Page 2	
ESCC	Component title:	Wires and ca extruded cross	bles, Low-Frequency, 60 linked modified ETFE, lig	00V, silver-plated copper ghtweight	Appl. No.	
	Executive Member:	UKSA		Date: 02/04/2025	257M	
Failure Analysis, DPA, NCCS ava	ilable: Yes	🗆 No	⊠ (Supply data)		12	
Ref. No's and purposes:						
The undersigned hereby certifies on behalf that the appropriate documentation has bee (except as stated in box 15;) - that the repo UKSA as the responsible Executive Membe	en evaluated; - that ful rts and data are availa	I compliance to a able at the ESCC	all ESCC requirements is C Executive and therefore extended to the compone	s evidence e applies on behalf of	13	
Date: 02/04/2025	Den	is ombe	Digitally signed by Denis Lacombe Date: 2025.05.09 13:59:58	(Signature of the Executive	Coordinator)	
Continuation of Boxes above:	Lace		+02'00'		14	

		APPLICA	ATION FOR EXTENSION OF ESCC QUA	LIFICATION APPROVAL	Page 3
Core and	ESCC	Component title: Wires and cables, Low-Frequency, 6 extruded crosslinked modified ETFE, I		600V, silver-plated copper lightweight	Appl. No.
	and the second sec	Executive Membe	er: UKSA	Date: 02/04/2025	257M
Non comp	bliance to ESCC_requirements: N	lone			15
No.:	Specification		Paragraph	Non complianc	e
Additional	tasks required to achieve full co iance:	mpliance for ESCC	qualification or rationale for acceptability	of	16
Executive	Manager Disposition				
					17
Applicatio Action / R		No 🗆			
71011011771					
				Ali Zadeh	signed by Ali
Date:				11:06:09	25.04.29 +02'00'
				A.Zadeh: Head of the Avionics	and EEE Division

	APPLICATI	Page 4						
ESCC	Component Title: Wires and cables, Low-Frequency, 600V, silver-plated copper extruded crosslinked modified ETFE, lightweight				Appl. No.			
	Executive Member:	UKSA	Date:	02/04/2025	257M			
ANNEX 1: LIST OF TESTS DONE TO SUPPORT EXTENSION OF QUALIFICATION 18								
Tests conducted in compliance with:								
 ESCC 3901 generic specification; Chart F4 (for ESCC/QPL parts); See Tyco Report WQ2121 Issue 9 Or PID-TFD (for ESCC/QML parts) 								
Tests vehicle identification/description:								
			1					
Detail Specification reference:								

		APPLICAT	TION FOR EXTENSION OF ESCC QUALIFICATION APPROVAL	Page 7				
e E	SCC	Component title:	Wires and cables, Low-Frequency, 600V, silver-plated copper extruded crosslinked modified ETFE, lightweight	Appl. No.				
		Executive Member	: UKSA Date: 02/04/2025	257M				
NOT	TES ON THE COMPL	ETION OF THE APP	PLICATION FORM FOR ESCC QUALIFICATION EXTENSION APPROVA	L				
ENTRIES								
Form heading			nt as given in its detail specification or the name of the series, family; - the Ex nber and its sequential suffix.	ecutive Member;				
Box 1	(the ESCC code i the detail specific	s recommended to in a tion as 'base on';	in particular there shall be listed: - the variants or range of variants; - the rang ndicate the values or values range, the tolerance, the voltage, etc); the des - under Test Vehicle enter either an ESCC code or the specific character voltage of coil for a relay); - under component similar enter a cross if releva	signation given in eristic capable of				
Box 2; 3 and 4	As per QPL entry;	otherwise, an explar	nation of the changes must be supplied.					
Box 5			tail specifications, including issue number and revision letter, current at th cations are different from those current on the date of the application, see B					
Box 6	deviations this mu	ist be listed in Box 15	eric and Detail Specifications listed in Box 5, in particular deviations from to b. In case the referenced specification in Box 5 have currently a different issu- riates or not from such current documents.					
Box 7	Must reference the	e report(s) supplied in	n support of the application.					
Box 8			ent to the full ESCC System, documentation of all of which should already have s of the relevant Generic Specification. An appropriate table has been draw					
Box 9			alification or after the last Extension of Qualification, adequate details of suc for the changes. Major changes shall be clearly marked.	ch evolution shall				
Box 10			date and actual date of verification. The date of verification of the currer equired date of extension.	nt PID should be				
Box 11	practices, procedu	ures, material, etc. us	a physical visit to the plant to confirm that no unexplained changes occur ed in manufacturing the components are as described in the PID. This surve ts of ESCC Basic Specification No. 20200 and its findings shall be recorded	y shall be carried				
Box 12	Provide details of, or reference to, any Destructive Physical Analysis (DPA) and Failure Analysis reports as well as any Nonconformance(s) (NCCS) occurred during the qualification validity period, stating if established corrective action have produced satisfactory results.							
Box 13	Enter only the name of the Executive Member (i.e., CNES, DLR, ESTEC, etc.) and the signature of the responsible Executive Coordinator.							
Box 14	To be used when there is a need to expand any of the boxes from 1 through 12. Identify box affected and reference the Box 14 in the relevant Box. Box 14 can be broken into 14a, 14b, etc. if several boxes have to be expanded.							
Box 15	Fill in Table as rec	quested.						
Box 16	Any additional action deemed necessary by the Executive Member to bring the submitted data to a standard likely to be accepted by the ESCC Executive should be listed herein or the reason(s) to accept the noncompliance.							
Box 17	All Executive Manager recommendations on the application itself, special conditions or restrictions, modifications of the QPL or QML entry, letters to the manufacturer, etc. shall be entered clearly in Box 19, signed by the representative for ESA, and dated.							
Box 18	Fill in Table as rec	quested.						
Box 19	Confidential Detai	ls of PID changes inc	cluding those of a confidential nature, shall be provided.					
Box 20		State noncompliance with reference to specification(s) and paragraph(s). To simplify reference in Box 16 each nonconformance shall be sequentially numbered. If relevant state 'None'.						
Box 21		Any additional action deemed necessary by the Executive Member to bring the submitted data to a standard likely to be accepted by the ESCC Executive should be listed herein or the reason(s) to accept the noncompliance.						
	Additional Comme							