

		APPLICATION FOR ESCC QUALIFICATION APPROVAL				Page 1
		Component Title: RF CABLE ASSEMBLY, SMA, 50 OHMS, 2.2mm FLEXIBLE CABLE, DC TO 22GHz BASED ON TYPE 8S-SMA Executive Member: ESA Date: 25/04/2019				Appl. No. 358
Components (including series and families) submitted for Qualification Approval						1
ESCC COMPONENT. NO.	VARIANTS	RANGE OF COMPONENTS	BASED ON	TEST VEHICLE / S	COMPONENT SIMILAR	
3408/002	01 thru 06	Conn1 SMA male straight plug	8S-SMA	8SS01S71 & 8SS01S01		
	07 thru 11	Conn1 SMA male 90° clip plug	8S-SMA	8SZF8S02		
	12 thru 15	Conn1 SMA male 90° box plug	8S-SMA			Y
	16 thru 18	Conn1 SMA male 90° elbow plug	8S-SMA			Y
	19 thru 20	Conn1 SMA female straight jack	8S-SMA			Y
	21	Conn1 SMA female bulkhead jack	8S-SMA	8SY04R42		
Component Manufacturer W.L. GORE & ASSOCIATES (UK) LTD		Location of Manufacturing Plants Dundee Technology Park Mariner Drive, DD2 1JA Dundee Scotland, United Kingdom		ESCC Specification used for Qualification Generic: ESCC 3408 Issue Issue 2 Detail/s: ESCC 3408/002 Issue (ESCC Draft 237)		
Qualification Reports Reference and date: WLG-01419 Date: 04/04/2019			PID used for manufacturing Qualification Lot Ref No: WLG-01320 Issue: 1 Date: 01/03/2018			
PID changes since start of qualification None <input checked="" type="checkbox"/> Minor* <input type="checkbox"/> Major* <input type="checkbox"/> (* Details not published, provided in confidential annex 2.)			Current PID Verified by ESA (F. Martínez) Name of Executive Representative Ref No: WLG-01320 Issue 1 Date 01/03/2018			
Current Manufacturing facilities surveyed by: ESA (L. Farhat, F. Martínez)						9
(Name of Executive Responsible) W.L.GORE-AUD-2017 (ESA-TECQES-RP-007811) (Date) 8-9 February and 23-24 November, 2017						
Report Reference Satisfactory: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Explain Actions derived from audit findings were closed-out in April 2018						
Quality and Reliability Data Evaluation testing performed Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Report Ref. No.: WLG-01329 Date: 04/04/2019 Equivalent Data: Certification: ISO 9001, ISO 14001, AS9100			Failure analysis, DPA, NCCS Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> available (supply data) Ref Nos. and purpose: CA report No. MTSL CA 0002318 (Jan. 2018)			



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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 13; that the reports and data are available at the ESCC Executive and therefore applies for ESCC qualification status to be given to the component(s) listed herein.

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Date: 24/05/2019

(A. Pesce, Executive Coordinator)

Continuation of Boxes above: (Only non-confidential comments)

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[1] At their level, prior to their use for qualification samples, connectors, contacts, cable lot and Qualification samples passed inspections and tests as required in ESCC3408 chart F2. Cable assemblies used for qualification testing passed screening tests and inspections as required in ESCC 3408 chart F3

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Executive Member: **ESA**Date: **25/04/2019****358****NOTES ON THE COMPLETION OF THE APPLICATION FORM FOR ESCC QUALIFICATION APPROVAL****ENTRIES**

- Form Heading** shall indicate:— the title of the component as given in its detail specification or the name of the series or family; — the entering date; — the serial number and the suffix of the form.
- Box 1** shall provide details given in table; in particular there shall be listed - the variants or range of variants; the range of components by using the ESCC code for values tolerances, etc.; the designation given in detail specification as 'based on'; —under Test Vehicle enter either a cross or the specific characteristic capable to identify the component tested; — under component similar enter a cross.
- Box 2 and 3** Manufacturer's name and location of plant where the components were manufactured and tested.
- Box 4** Generic and detail specifications used during qualification program.
- Box 5** Reference to test report(s) submitted in support of application.
- Box 6** Enter details to identify the PID that was applicable at the time the qualification lot was manufactured.
- Box 7** If the PID was evolved after qualification lot manufacture, adequate details of such evolution shall be provided together with reasons for changes. Major changes shall be clearly marked.
- Box 8** The box serves to identify the current PID and the Executive Representative that has verified it together with the date of this occurrence.
- Box 9** This box can be completed only after a physical visit to the plant to confirm that the practices, procedures, materials, etc. used in manufacturing the components are as described in the PID. This survey shall be carried out in accordance with the requirements of ESCC Basic Specification No. 20200 and its findings shall be recorded.
- Box 10** Details entered shall be sufficient to evidence that an evaluation program according to ESCC Basic Specification No. 22600 has been performed and that the results thereof are summarized in the survey and test reports. If the evaluation program has not been carried out according to established ESCC documents, the applicant Executive Representative shall provide alternative data and declare its assessed degree of satisfactory compliance with the ESCC basic requirements. Reference shall be made to the reports on Destructive Physical Analysis (DPA), Failure Analysis and Non conformance (NCCS) issued during the Evaluation and/or Qualification Phase.
- Box 11** Enter the name of the Executive Coordinator and the signature.
- Box 12** To be used when there is a need to expand any of the boxes from 1 through 10. Identify box affected and reference the Box 12 in the relevant Box. Box 12 can be broken into 12a, 12b, etc. if several Boxes have to be expanded.
- Box 13** Fill table as requested.
- Box 14** Fill in any additional tasks required to achieve full compliance.
- Box 15** All Executive recommendations on the application itself, special conditions or restrictions, modifications of the QPL or ESCC QML entry, letters to the manufacturer, etc. shall be entered clearly in Box 15, signed by the ESA Representative.
- Box 16** Fill in Table as requested.
- Box 17** Confidential details of PID changes shall be provided.
- Box 18** State noncompliance with reference to specification(s) and paragraph(s). To simplify reference in Box 18 each nonconformance shall be sequentially numbered. If relevant state 'None'
- Box 19** Any additional action deemed necessary by the Executive Representative 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 nonconformance.
- Box 20** Additional Comments