		APPLICATION FOR EXTENSION OF ESCC QUALIFICATION APPROVAL				Page 1	
Component Title: CONNECTORS,RF, COAXIAL, SOLDER AND CRIMP CONTACTS, MALE, FEMALE ADAPTORS AND CONNECTING PIECES,BASED ON TYPE SMA		Executive Member: CNES				Date: 12/05/2025	
						Appl. No. 68 S	
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		
3402/001	01 to 35 and 35 to 47	Frequency Range 0-18GHz	SMA	340200101B101 340200102B101			
3402/002	01 to 24,27 to 58, 66 to 82, 85 to 89	Crimp or Solder type contact for flexible and semi rigid cables, contacts for micro strip		340200261B101 340200272B201			
3402/003	01 to 14	Shell material and finish: beryliu copper gold plated, copper or nickel underplate, stainless steel		340200302B101			
Component Manufacturer Radiall		Location of Manufacturing Plant(s) RADIALL (Usine de Centr'alp) 642 rue emile romanet 38340 Voreppe (France)		Date of original qualification approval: Date: 01/02/1981 Certificate Ref No. 68			
ESCC Specifications used for Maintenance of qualification testing: Generic: 3402 Issue 6 Detail(s): 3402/001 Issue 4 3402/002 Issue 9 3402/003 Issue 5		Deviations to LVT testing and Detail Specification used: No <input type="checkbox"/> Yes <input checked="" 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: TEST REPORT n° 2024.12.035 du 16/12/2024 TEST REPORT n°2023.50.137 du 19/02/2024			
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			
See PID Annx 4							
PID changes since start of qualification		Current PID		Verified by: CNES			
None <input type="checkbox"/>				Name of Excutive Representative			
Minor* <input checked="" type="checkbox"/>		Ref No: PAQP- VOR 064 (F)					
Major* <input type="checkbox"/>		Issue: 02 rev A		Date: xxxxx			
*Provide details in box: see box 14		Rev Date: 15/04/2024					
Current Manufacturing facilities surveyed by: CNES		on 16/01/2020					
		(Name of Executive Representative)		(Date)			
Satisfactory: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Explain							
Report Reference: CR_visite_radiall_16_01_2020							



	APPLICATION FOR EXTENSION OF ESCC QUALIFICATION APPROVAL Component title: CONNECTORS,RF, COAXIAL, SOLDER AND CRIMP CONTACTS, MALE, FEMALE ADAPTORS AND CONNECTING PIECES,BASED ON TYPE SMA Executive Member: CNES Date: 12/05/2025	Page 2 Appl. No. 68 S
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 CNES as the responsible Executive Member for ESCC qualification status to be extended to the component(s) listed herein.		13
Date: 12/05/2025	<div>Fontaine Lya</div> <div>Signature numérique de Fontaine Lya Date : 2025.05.12 14:31:18 +02'00'</div> <div>(Signature of the Executive Coordinator)</div>	L.FONTAINE
Continuation of Boxes above:		14
Box 9 : Following the completion of the VOQ, changes to pages 4-6-8 following document updates Page 4 – Modification of specifications issues Pages 6 and 8 following organizational chart updates Appendices updated due to version issue		

Chart	Test	Tick when done	Conditions	Date Code	Tested Qty	No. of Rejects	Comments if not performed. Comments on Rejection
ESCC 3402 issue 5 chart F4	Mating and unmating Force	<input checked="" type="checkbox"/>	ESCC 3402, Para. 8.11	2343A 2339A 2335A 2311C	3,4,3,1	0	
	Random Vibration	<input checked="" type="checkbox"/>	ESCC 3402, Para. 8.15	2343A 2339A 2335A 2311C	3,4,3,1	0	Click here to enter text.
	Mechanical shock	<input checked="" type="checkbox"/>	ESCC 3402, Para. 8.16	2343A 2339A 2335A 2311C	3,4,3,1	0	
	Temperature cycling	<input checked="" type="checkbox"/>	ESCC 3402, Para. 8.8	2343A 2339A 2335A 2311C	3,4,3,1	0	
	Thermal Stability of insertion loss	<input checked="" type="checkbox"/>	ESCC 3402, Para. 8.17	DC2335A DC2311C	3,1	0	
	Shielding effectiveness	<input checked="" type="checkbox"/>	ESCC 3402, Para. 8.18	DC2335A	3		s
	Electrical measurements at room temperature	<input checked="" type="checkbox"/>	ESCC 3402, Para. 8.9.9	2343A 2339A 2335A 2311C	3,4,3,1	0	
	Endurance	<input checked="" type="checkbox"/>	ESCC 3402, Para. 8.19	2343A 2339A 2335A 2311C	3,4,3,1	0	
	Seal	<input type="checkbox"/>	ESCC 3402, Para. 8.13	2343A	3		Only applicable to hermetically sealed, barrier-sealed or panel-sealed components. For samples ESCC340200261B101 (R126.556.419) number 1 to 3 only the hermetic glass seal was tested for each sample (R280.755.600)
	Coupling Proof Torque	<input checked="" type="checkbox"/>	ESCC 3402, Para. 8.10	2343A 2339A 2335A 2311C	3,4,3,1	0	

	External Visual Inspection	<input checked="" type="checkbox"/>	ESCC 3402, Para. 8.14	2343A 2339A 2335A 2311C	3,4,3,1	0	
	Destructive Physical Analysis	<input type="checkbox"/>	ESCC 3402, Para. 8.17	2343A 2339A 2335A 2311C	1,1,1,1	0	
	External visual inspection initial	<input checked="" type="checkbox"/>	ESCC 3402, Para. 8.14	2339A 2339A	3,3	0	
	Random vibration	<input checked="" type="checkbox"/>	ESCC 3402, Para. 8.15	2339A 2339A	3,3	0	
	External visual inspection final	<input checked="" type="checkbox"/>	ESCC 3402, Para. 8.14	2339A 2339A	3,3	0	

	<p align="center">APPLICATION FOR EXTENSION OF ESCC QUALIFICATION APPROVAL</p> <p>Component title: CONNECTORS, RF, COAXIAL, SOLDER AND CRIMP CONTACTS, MALE, FEMALE ADAPTORS AND CONNECTING PIECES, BASED ON TYPE SMA</p> <p>Executive Member: CNES Date: 12/05/2025</p>	<p align="center">Page 6</p> <p align="center">Appl. No.</p> <p align="center">68 S</p>
<p align="center">NOTES ON THE COMPLETION OF THE APPLICATION FORM FOR ESCC QUALIFICATION EXTENSION APPROVAL</p>		
<p>ENTRIES</p>	<p>Form heading shall indicate: - the title of the component as given in its detail specification or the name of the series, family; - the Executive Member; - the entering date; - the certificate number and its sequential suffix.</p>	
<p>Box 1</p>	<p>shall provide details given in the table; in particular there shall be listed: - the variants or range of variants; - the range of components (the ESCC code is recommended to indicate the values or values range, the tolerance, the voltage, etc); the designation given in the detail specification as 'base on'; - under Test Vehicle enter either an ESCC code or the specific characteristic capable of identifying the component tested (e.g., voltage of coil for a relay); - under component similar enter a cross if relevant.</p>	
<p>Box 2; 3 and 4</p>	<p>As per QPL entry; otherwise, an explanation of the changes must be supplied.</p>	
<p>Box 5</p>	<p>Will show the ESCC Generic and Detail specifications, including issue number and revision letter, current at the time the tests reported were performed. If the specifications are different from those current on the date of the application, see Box 6.</p>	
<p>Box 6</p>	<p>Will show the deviations from the Generic and Detail Specifications listed in Box 5, in particular deviations from testing. In case of deviations this must be listed in Box 15. In case the referenced specification in Box 5 have currently a different issue and/or revision indicate also whether the test data deviates or not from such current documents.</p>	
<p>Box 7</p>	<p>Must reference the report(s) supplied in support of the application.</p>	
<p>Box 8</p>	<p>Should provide the details of procurement to the full ESCC System, documentation of all of which should already have been delivered to the ESCC Executive under the terms of the relevant Generic Specification. An appropriate table has been drawn in this box.</p>	
<p>Box 9</p>	<p>If the PID evolved after the Original Qualification or after the last Extension of Qualification, adequate details of such evolution shall be provided together with the reasons for the changes. Major changes shall be clearly marked.</p>	
<p>Box 10</p>	<p>Identify the current PID issue status, date and actual date of verification. The date of verification of the current PID should be arranged as close as possible to the required date of extension.</p>	
<p>Box 11</p>	<p>This box can be completed only after a physical visit to the plant to confirm that no unexplained changes occurred and that the practices, procedures, material, 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.</p>	
<p>Box 12</p>	<p>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.</p>	
<p>Box 13</p>	<p>Enter only the name of the Executive Member (i.e., CNES, DLR, ESTEC, etc.) and the signature of the responsible Executive Coordinator.</p>	
<p>Box 14</p>	<p>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.</p>	
<p>Box 15</p>	<p>Fill in Table as requested.</p>	
<p>Box 16</p>	<p>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.</p>	
<p>Box 17</p>	<p>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.</p>	
<p>Box 18</p>	<p>Fill in Table as requested.</p>	
<p>Box 19</p>	<p>Confidential Details of PID changes including those of a confidential nature, shall be provided.</p>	
<p>Box 20</p>	<p>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'.</p>	
<p>Box 21</p>	<p>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.</p>	
<p>Box 22</p>	<p>Additional Comments.</p>	