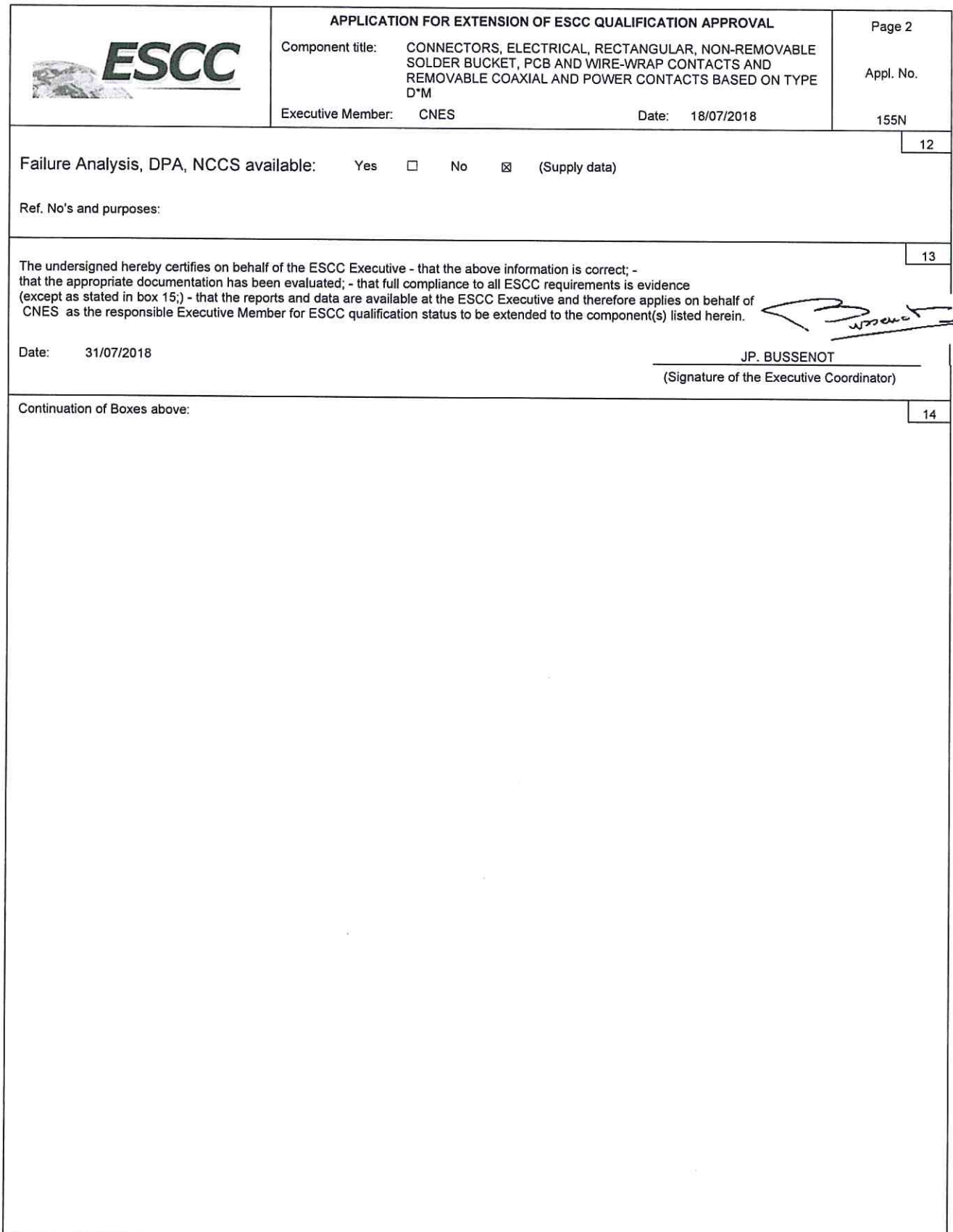
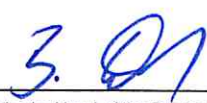


		APPLICATION FOR EXTENSION OF ESCC QUALIFICATION APPROVAL				Page 1 Appl. No. 155N
		Component Title: CONNECTORS, ELECTRICAL, RECTANGULAR, NON-REMOVABLE SOLDER BUCKET, PCB AND WIRE-WRAP CONTACTS AND REMOVABLE COAXIAL AND POWER CONTACTS BASED ON TYPE D*M				
		Executive Member: CNES		Date: 18/07/2018		
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	
3401/001	01 & 02	Range of Contacts: Size 20 : 9, 15, 25, 37 and 50 contacts. Size 22 : 15, 26, 44, 62, 78 contacts. Mounting Type : blank: standard mounting holes Y: floating mount E: captive nuts. Gold-plated non-magnetic coating Operating Temperature Range (°C): -55 to +125 Complete range as defined in detailed specification is qualified except : - High density 104 contacts arrangement - Coaxial and power contacts and arrangement	D*M	3401 001 02B DAM 26PNMB 3401 001 02B DAM 26SNMB 3401 001 02B DCM 62PNMB 3401 001 02B DCM 62SNMB 3401 001 01B DBM 25PNMB 3401 001 01B DBM 25SNMB 3401 001 01B DEM 78PNMB 3401 001 01B DEM 78SNMB		
3401/022	01 to 16 & 44 to 57 & 65 to 80			3401 022 01, 70, 06, 72, 53, 48		
3401/072	01 to 65			3401 072 53, 38, 01, 06, 54, 43, 45		
Component Manufacturer SOURIAU		Location of Manufacturing Plant(s) 3 Rue du Vallon 94440 Marolles en Brie France		Date of original qualification approval: Date: 05/08/1988 Certificate Ref No. 155		4
ESCC Specifications used for Maintenance of qualification testing: Generic: 3401 Issue: 4 Detail(s): 3401/001 Issue: 11 3401/022 12 3401/072 9		Deviations to LVT testing and Detail Specification used: No ☒ Yes ☐ (supply details in Box 15) Deviation from current Specifications: No ☒ Yes ☐ (Supply details)		Qualification Extension Report reference and date: PV 8949-17-104, Issue A, 29/03/18		7
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 appendix						
PID changes since start of qualification None ☐ Minor* ☒ Major* ☐ *Provide details in box:		Current PID Verified by: CNES: Nouals François Name of Executive Representative Ref No: ZQU 92 M 153 Issue: T Date: 23/07/2018 Rev Date: 01/03/2018				10
Current Manufacturing facilities surveyed by: CNES: François NOUALS on 23/05/2018 (Name of Executive Representative) (Date)						11

Satisfactory: Yes ☒ No ☐ Explain

Report Reference: CRIM_1027778



 ESCC	APPLICATION FOR EXTENSION OF ESCC QUALIFICATION APPROVAL	Page 3	
	Component title: CONNECTORS, ELECTRICAL, RECTANGULAR, NON-REMOVABLE SOLDER BUCKET, PCB AND WIRE-WRAP CONTACTS AND REMOVABLE COAXIAL AND POWER CONTACTS BASED ON TYPE D*M Executive Member: CNES	Date: 18/07/2018 Appl. No. 155N	
Non compliance to ESCC requirements:		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 Application Approval: Yes ☒ No ☐ Action / Remarks:		17	
Date:		 B. Schade, Head of the Product and Assurance and Safety Department - ESA Representative	

	APPLICATION FOR EXTENSION OF ESCC QUALIFICATION APPROVAL	Page 4 Appl. No. 155N
Component Title: CONNECTORS, ELECTRICAL, RECTANGULAR, NON-REMOVABLE SOLDER BUCKET, PCB AND WIRE-WRAP CONTACTS AND REMOVABLE COAXIAL AND POWER CONTACTS BASED ON TYPE D*M		
Executive Member: CNES		Date: 18/07/2018

ANNEX 1: LIST OF TESTS DONE TO SUPPORT EXTENSION OF QUALIFICATION 18

Tests conducted in compliance with:

- ESCC 3401 generic specification; Chart V (for ESCC/QPL parts);
- Or PID-TFD (for ESCC/QML parts)

Tests vehicle identification/description:

3401 001 02B DAM 26PNMB	3401 001 02B DCM 62PNMB
3401 001 02B DAM 26SNMB	3401 001 02B DCM 62SNMB
3401 001 01B DBM 25PNMB	3401 001 01B DEM 09PNMB
3401 001 01B DBM 25SNMB	3401 001 01B DEM 09SNMB

Detail Specification reference: 3401/001

Chart V	Test	Tick when done	Conditions	Date Code	Tested Qty	No. of Rejects	Comments if not performed. Comments on Rejection
Environmental and Mechanical Subgroup	Wiring	☒	ESCC 3401 Para. 9.10	1734	8		
	Climatic Sequence	☒	ESCC 3401 Para. 9.13	1734	8		
	Permanence of Marking	☒	ESCC 24800	1734	8		
	Corrosion	☒	IEC Publication No. 68-2-11	1734	8		
	Seal Test	☐	ESCC 3401 Para. 9.9		0		NA
	Plating Thickness	☒	ESCC 3401 Para. 5.2.3	1734	8		
Endurance Subgroups	Wiring	☒	ESCC 3401 Para. 9.10	1734	8		
	Rapid change of Temperature	☒	ESCC 3401 Para. 9.16	1734	8		
	Contact Retention	☒	ESCC 3401 Para. 9.17	1734	8		
	Maintenance Ageing	☐	ESCC 3401 Para. 9.27		0		NA
	Endurance	☒	ESCC 3401 Para. 9.18	1734	8		
	Seal Test	☐	ESCC 3401 Para. 9.9		0		NA
	Joint Strength	☐	ESCC 3401 Para. 9.15				NA
	Engage/Separ. Forces	☒	ESCC 3401 Para. 9.28	1734	8		
	Oversize Pin Exclusion	☒	ESCC 3401 Para. 9.29	1734	8		
	Probe Damage	☒	IEC Publication No. 512-8	1734	8		
Additional Tests		☐					
		☐					
		☐					

