
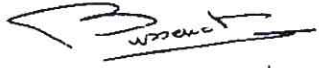
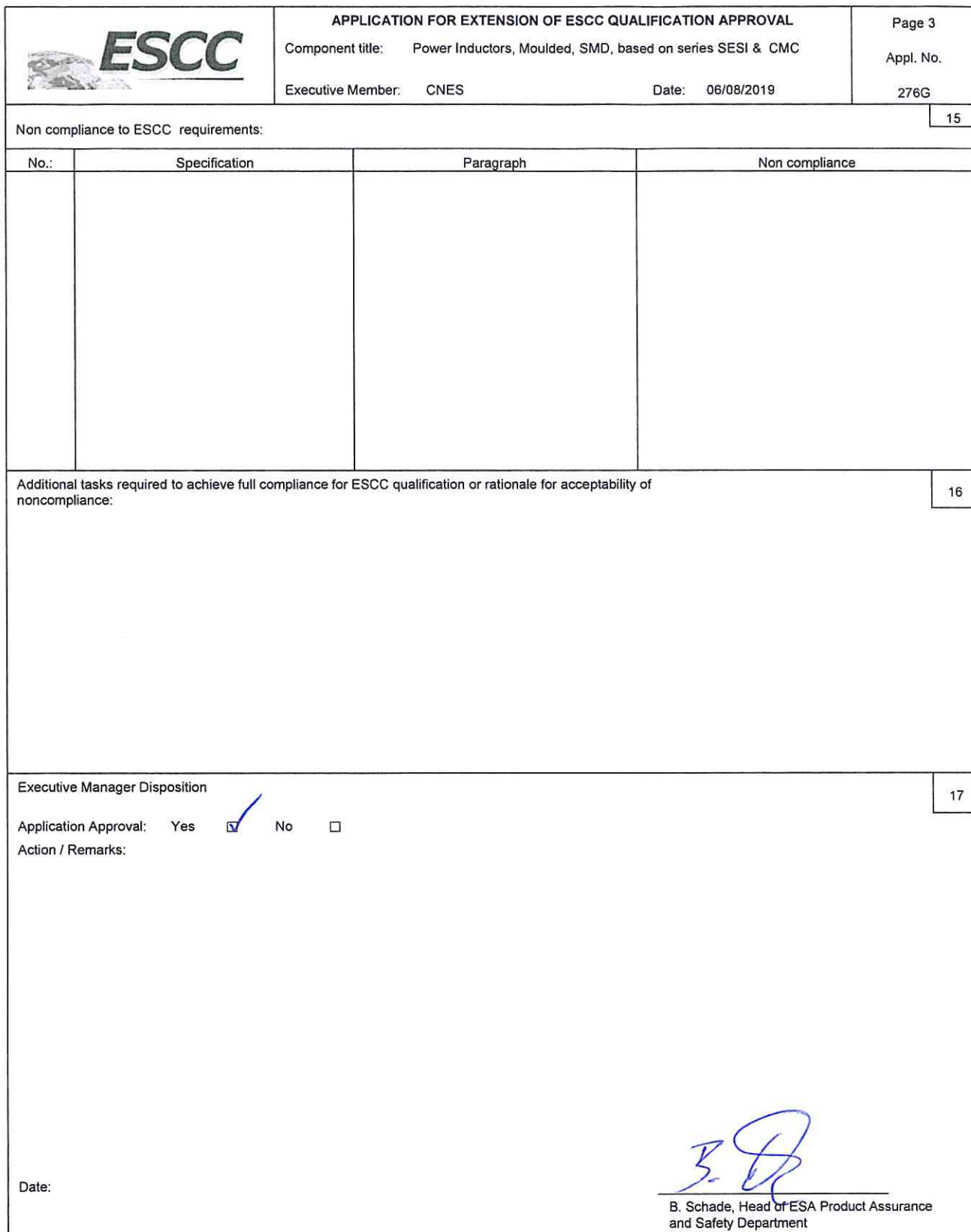

	APPLICATION FOR EXTENSION OF ESCC QUALIFICATION APPROVAL Component Title: Power Inductors, Moulded, SMD, based on series SESI & CMC Executive Member: CNES Date: 06/08/2019	Page 1 Appl. No. 276G			
Components (including series and families) submitted for Extension of Qualification Approval: 1					
ESCC COMPONENT NO.	VARIANTS	RANGE OF COMPONENTS	BASED ON	TEST VEHICLE / S	COMPONENT SIMILAR
3201 009 01B 3201 009 02B 3201 009 03B 3201 009 04B 3201 009 05B 3201 009 06B 3201 009 07B 3201 009 08B 3201 010 01B 3201 010 03B 3201 010 05B	01 to 08 for SESI and 01, 03, 05 for CMC	3.3 µH to 330 µH 1.5 µH to 2290 µH 1.5 µH to 2290 µH 6.8 µH to 330 µH 1.0 µH to 1000 µH 7.0 µH to 2200 µH 35 µH 35 µH 52 µH to 4000 µH 60 µH to 4900 µH 60 µH to 3300 µH	SESI 14 SESI 15 SESI 15 W SESI 18 SESI 9.1 SESI 22 SESI 32 WR SESI 32 PR CMC 15 CMC 18 CMC 22	320100901 101K 320100902 330M 320100903 1L5N 320100904 331K 320100905 101 K 320100905 682K 320100906 7L0M 320100907 4L9N 320100908 621K 320101001 520 320101003 600 320101005 600	
Component Manufacturer Exxelia SAS		Location of Manufacturing Plant(s) 16, Parc d'activités du Beau Vallon 57970 Illange (France)		Date of original qualification approval: Date: 01/04/2004 Certificate Ref No. 276	
ESCC Specifications used for Maintenance of qualification testing: Generic: 3201 Issue: 7 Detail(s): 3201/009 Issue: 14 3201/010 5		Deviations to LVT testing and Detail Specification used: 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: PV19-07-15 VOQ SESI-CMC July 2019	
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	
Livraisons SESI-CMC 2019.xls					
PID changes since start of qualification 9 None <input type="checkbox"/> Minor* <input checked="" type="checkbox"/> Major* <input type="checkbox"/> *Provide details in box:			Current PID Verified by: CNES 10 Name Agency Representative Ref No: PID 58 Issue 10 Rev- SESI & CMC Issue: 10 Date: 06/08/2019 Rev Date: 15/07/2019		
Current Manufacturing facilities surveyed by: CNES / ESA on 12/07/2017 (Name of Agency) (Date) Satisfactory: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Explain Report Reference: ESCC-AUD-EXM2017-1 11					

	<p align="center">APPLICATION FOR EXTENSION OF ESCC QUALIFICATION APPROVAL</p> <p>Component title: Power Inductors, Moulded, SMD, based on series SESI & CMC</p> <p>Executive Member: CNES Date: 06/08/2019</p>	<p>Page 2</p> <p>Appl. No. 276G</p>
<p>Failure Analysis, DPA, NCCS available: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> (Supply data)</p> <p>Ref. No's and purposes:</p>		12
<p>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.</p> <p>Date: 07/08/2019</p> <p align="right">  <u>JP BUSSEBOT</u> (Signature of the Executive Coordinator) </p>		13
<p>Continuation of Boxes above:</p>		14



	APPLICATION FOR EXTENSION OF ESCC QUALIFICATION APPROVAL Component Title: Power Inductors, Moulded, SMD, based on series SESI & CMC Executive Member: CNES Date: 06/08/2019	Page 4 Appl. No. 276G
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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 3201 generic specification; Chart V (for ESCC/QPL parts);
- Or PID-TFD (for ESCC/QML parts)

Tests vehicle identification/description:

320100901 101K / DC 1910	320100904 331K / DC 1911
320100902 330M / DC 1908	320100905 101K / DC 1907
320100903 1L5N / DC 1908	320100905 682K / DC 1915
320100906 7L0M / DC 1909	320101001 520 / DC 1908
320100907 4L9N / DC 1909	320101003 600 / DC 1910
320100908 621K / DC 1911	320101005 600 / DC 1909

Detail Specification reference: 3201/009 and 3201/010

Chart F4	Test	Tick when done	Conditions	Date Code	Tested Qty	No. of Rejects	Comments if not performed. Comments on Rejection
Environmental / Mechanical Subgroup (Column 2)	Mechanical Shock (Specified Pulse)	<input checked="" type="checkbox"/>	ESCC 3201, Para. 8.10	See above	24	0	
	Vibration	<input checked="" type="checkbox"/>	ESCC 3201, Para. 8.11	/	24	0	
	Immersion	<input checked="" type="checkbox"/>	ESCC 3201, Para. 8.12	/	24	0	
	Moisture Resistance	<input checked="" type="checkbox"/>	ESCC 3201, Para. 8.13	/	24	0	
Environmental / Mechanical Subgroup (Column 1)	Thermal Shock	<input checked="" type="checkbox"/>	ESCC 3201, Para. 8.2	/	24	0	
	Barometric Pressure	<input checked="" type="checkbox"/>	ESCC 3201, Para. 8.6	/	24	0	
	Temperature Rise	<input checked="" type="checkbox"/>	ESCC 3201, Para. 8.7	/	24	0	
	Overload	<input checked="" type="checkbox"/>	ESCC 3201, Para. 8.8	/	24	0	
	Resistance to Soldering Heat	<input checked="" type="checkbox"/>	ESCC 3201, Para. 8.9	/	24	0	
Endurance Subgroup	Operating Life	<input checked="" type="checkbox"/>	ESCC 3201, Para. 8.14	/	36	0	
	Electrical Measurements during Endurance Testing	<input checked="" type="checkbox"/>	ESCC 3201, Para. 9.3.5	/	36	0	
	Permanence of Marking	<input checked="" type="checkbox"/>	ESCC 3201, Para. 8.15	/	36	0	
Assembly Capability Subgroup	Solderability	<input checked="" type="checkbox"/>	ESCC 3201, Para. 8.16	/	12	0	
	Terminal Strength	<input checked="" type="checkbox"/>	ESCC 3201, Para. 8.17	/	12	0	

