

 <b>ESCC</b>		APPLICATION FOR EXTENSION OF ESCC QUALIFICATION APPROVAL				Page 1  Appl. No. 290C
		Component Title: CONNECTORS, ELECTRICAL, RECTANGULAR MICROMINIATURE, REMOVABLE CRIMP CONTACTS, BASED ON TYPE MDMA Executive Member: CNES Date: 03/07/2015				
Components (including series and families) submitted for Extension of Qualification Approval: <span style="float: right;">1</span>						
ESCC COMPONENT NO.	VARIANTS	RANGE OF COMPONENTS	BASED ON	TEST VEHICLE / S	COMPONENT SIMILAR	
3401/077	01 & 02	Range of contacts: 9 - 15 - 21- 25 - 31 - 37 Accepts wires AWG 24 or 2x28 in crimping barrel AWG 24 Accepts wires AWG 26 or 28 in crimping barrel AWG 26	MDMA	See test report	MDM	
3401/078	01,02,03,04	Nickel or Gold Plated ShellsMax. rating for 1 isolated contact:- AWG 24 wire : 3.5A- AWG 26 wire and uninsulated AWG 25 solid wire: 2.5 A- AWG 28 wire: 1.5 A  Working Volage (Max): 150Vrms Operating Temperature Range (°C): -55 to +125				
Component Manufacturer <span style="float: right;">2</span> <b>C&amp;K Components SAS</b>		Location of Manufacturing Plant(s) <span style="float: right;">3</span> <b>Rue Bertholet B.P. 359 39105 DOLE Cedex - France</b>		Date of original qualification approval: <span style="float: right;">4</span> Date: 15/06/2009  Certificate Ref No. 290		
ESCC Specifications used for Maintenance of qualification testing: <span style="float: right;">5</span> Generic: 3401 Issue: 1  Detail(s): 3401/077 Issue: 4 3401/078 6		Deviations to LVT testing and Detail Specification used: <span style="float: right;">6</span> 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: <span style="float: right;">7</span> PV 167-15C 16/02/2015 (connector test report) PV 168-15C 16/02/2015 (contact test report)		
Summary of procurement or equivalent test results during current validity period in support of this application (those to ESCC listed first) <span style="float: right;">8</span>						
Project Name	Testing Level	LAT	Date code	Quantity Delivered		
See appendix						
PID changes since start of qualification <span style="float: right;">9</span> None <input type="checkbox"/> Minor* <input checked="" type="checkbox"/> Major* <input type="checkbox"/> *Provide details in box:		Current PID Verified by: <u>CNES</u> <span style="float: right;">10</span> Name of Excutive Representative  Ref No: CS-FR036 Issue: 2 rev D Date: 03/07/2015 Rev Date: 01/05/2015				
Current Manufacturing facilities surveyed by: <u>ESA</u> on <u>27/04/2015</u> <span style="float: right;">11</span> (Name of Executive Representative) (Date)  Satisfactory: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Corrective actions from audit have been closed during teleconference 03/08/2015.						
Report Reference: <u>Audit report: C&amp;K-AUD-2015-1, Closure of audit actions: ACTION PLAN ESCC SURVEY REPORT C&amp;K-AUD-2015-1-030815.pdf</u>						



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Failure Analysis, DPA, NCCS available: Yes ☐ No ☒ (Supply data)

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 as the responsible Executive Member for ESCC qualification status to be extended to the component(s) listed herein.

Date:

(Signature of the Executive Coordinator)

Continuation of Boxes above:

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Non compliance to ESCC requirements:

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No.:	Specification	Paragraph	Non compliance

Additional tasks required to achieve full compliance for ESCC qualification or rationale for acceptability of noncompliance:

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Executive Manager Disposition

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Application Approval: Yes ☐ No ☐

Action / Remarks:

Date:

Signature, ESA Representative



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

Tests vehicle identification/description:

MDMA9P FO340107701B (1451)	MDMA37S FO340107701B (1451)
MDMA15P FO340107701B (1451)	MDMA25S FO (1451)

Detail Specification reference: 34010029

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	<input checked="" type="checkbox"/>	ESCC 3401 Para. 9.10	1451	2	0	
	Climatic Sequence	<input checked="" type="checkbox"/>	ESCC 3401 Para. 9.13	1451	2	0	
	Permanence of Marking	<input checked="" type="checkbox"/>	ESCC 24800	1451	2	0	
	Corrosion	<input checked="" type="checkbox"/>	IEC Publication No. 68-2-11	1451	2	0	
	Seal Test	<input type="checkbox"/>	ESCC 3401 Para. 9.9				Not applicable
	Plating Thickness	<input checked="" type="checkbox"/>	ESCC 3401 Para. 5.2.3	1451	2	0	
Endurance Subgroups	Wiring	<input checked="" type="checkbox"/>	ESCC 3401 Para. 9.10	1451	2	0	
	Rapid change of Temperature	<input checked="" type="checkbox"/>	ESCC 3401 Para. 9.16	1451	2	0	
	Contact Retention	<input checked="" type="checkbox"/>	ESCC 3401 Para. 9.17	1451	2	0	
	Maintenance Ageing	<input checked="" type="checkbox"/>	ESCC 3401 Para. 9.27	1451	2	0	
	Endurance	<input checked="" type="checkbox"/>	ESCC 3401 Para. 9.18	1451	2	0	
	Seal Test	<input type="checkbox"/>	ESCC 3401 Para. 9.9				Not applicable
	Joint Strength	<input checked="" type="checkbox"/>	ESCC 3401 Para. 9.15	1451	2	0	
	Engage/Separ. Forces	<input checked="" type="checkbox"/>	ESCC 3401 Para. 9.28	1451	20	0	
	Oversize Pin Exclusion	<input type="checkbox"/>	ESCC 3401 Para. 9.29				Not applicable
	Probe Damage	<input type="checkbox"/>	IEC Publication No. 512-8				Not applicable
Additional Tests		<input type="checkbox"/>					
		<input type="checkbox"/>					
		<input type="checkbox"/>					



Additional Comments