
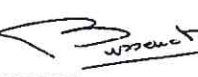

	APPLICATION FOR EXTENSION OF ESCC QUALIFICATION APPROVAL	Page 1 Appl. No. 71R			
Component Title: CONNECTORS, ELECTRICAL, RECTANGULAR, NON REMOVABLE SOLDER BUCKET, PCB AND WIRE-WRAP CONTACTS AND REMOVABLE COAXIAL AND POWER CONTACTS, BASED ON TYPE D*M Executive Member: CNES Date: 09/10/2017					
1					
Components (including series and families) submitted for Extension of Qualification Approval:					
ESCC COMPONENT NO.	VARIANTS	RANGE OF COMPONENTS	BASED ON	TEST VEHICLE / S	COMPONENT SIMILAR
3401/001 3401/004	01 & 02 01 to 25	Shell size : E, A, B, C, D, F Standard density layout : 9, 15, 25, 37, 50 size 20 contacts	D*M	See test report	D*MA
3401/022 3401/040	01 to 95 01 to 17	High density layout : 15, 26, 44, 62, 78, 104 size 22 contacts			
3401/080	01	Combined contact arrangements : 3W3 to 8W8, 5W1 to 47W1			
3401/072	05 to 14, 25 to 39, 46 to 55, 61 to 65, 72, 73, 76 to 80	Mounting Type: standard mounting holes; floating mount; captive nuts Termination contacts : solder bucket, straight PCB, 90° PCB, wire wrap Gold-plated non-magnetic coating Coaxial contact arrangements: 3401/004 variants 01 to 25 Power contact arrangements: 3401/040 variants 01 to 17 Operating Temperature Range (°C): -55 to +125			
Component Manufacturer C&K Components SAS		Location of Manufacturing Plant(s) Rue Bertholet B.P. 359 39105 DOLE Cedex - France		Date of original qualification approval: Date: 12/02/1981 Certificate Ref No. 71	
5		6		7	
ESCC Specifications used for Maintenance of qualification testing: Generic: 3401 Issue: 4 Detail(s): 3401/001 Issue: 10 3401/004 4 3401/022 11 3401/040 6 3401/072 8 3401/080 4		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: PV 161-17C 17/02/2017 (contact test report) PV 162-17C 17/02/2017 (connector test report)	
8					
Summary of procurement or equivalent test results during current validity period in support of this application (those to ESCC listed first)					
Project Name	Testing Level	LAT	Date code	Quantity Delivered	
See appendix					
PID changes since start of qualification		9		10	
None <input type="checkbox"/> Minor* <input checked="" type="checkbox"/> Major* <input type="checkbox"/> *Provide details in box:		Current PID Verified by: CNES Name of Executive Representative Ref No: CS-FR030 Issue: 2 rev L Rev Date: 01/05/2017		Date: 09/10/2017	
11					
Current Manufacturing facilities surveyed by: CNES on 14/12/2016 <div style="display: flex; justify-content: space-between;"> (Name of Executive Representative) (Date) </div>					

Satisfactory: Yes ☒ No ☐ Explain

Report Reference: CRIM_1013659

	<p style="text-align: center;">APPLICATION FOR EXTENSION OF ESCC QUALIFICATION APPROVAL</p> <p>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</p> <p>Executive Member: CNES</p>	<p>Page 2</p> <p>Appl. No.</p> <p>71P</p>
<p>Failure Analysis, DPA, NCCS available: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> (Supply data)</p>		<p>12</p>
<p>Ref. No's and purposes:</p>		
<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: 13/10/2017</p>		<p style="text-align: right;">  JP. BUSSENOT (Signature of the Executive Coordinator) </p>
<p>Continuation of Boxes above:</p>		<p>13</p>

	APPLICATION FOR EXTENSION OF ESCC QUALIFICATION APPROVAL 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	Page 4 Appl. No. 71P					
ANNEX 1: LIST OF TESTS DONE TO SUPPORT EXTENSION OF QUALIFICATION							
Tests conducted in compliance with:							
<ul style="list-style-type: none"> - ESCC 3401 generic specification; Chart V (for ESCC/QPL parts); - Or PID-TFD (for ESCC/QML parts) 							
Tests vehicle identification/description:							
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">DBMA25 FO, DBM25 F179A, DEMA15 FO DEBM15 DEM15 OL3,</td> <td style="width: 50%;">DDMA78 FO, DDM78 OL3, DFMA104 FO FR172, DFM104 OL3-FR172</td> </tr> <tr> <td>DAMA15 FO, DABMA15, DAM15 1A7N</td> <td>DBM5W5</td> </tr> </table>			DBMA25 FO, DBM25 F179A, DEMA15 FO DEBM15 DEM15 OL3,	DDMA78 FO, DDM78 OL3, DFMA104 FO FR172, DFM104 OL3-FR172	DAMA15 FO, DABMA15, DAM15 1A7N	DBM5W5	
DBMA25 FO, DBM25 F179A, DEMA15 FO DEBM15 DEM15 OL3,	DDMA78 FO, DDM78 OL3, DFMA104 FO FR172, DFM104 OL3-FR172						
DAMA15 FO, DABMA15, DAM15 1A7N	DBM5W5						
Detail Specification reference: 3401001							
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	1650	3	0	
	Climatic Sequence	<input checked="" type="checkbox"/>	ESCC 3401 Para. 9.13	1650	3	0	
	Permanence of Marking	<input checked="" type="checkbox"/>	ESCC 24800	1650	3	0	
	Corrosion	<input checked="" type="checkbox"/>	IEC Publication No. 68-2-11	1650	3	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	1650	3	0	
Endurance Subgroups	Wiring	<input checked="" type="checkbox"/>	ESCC 3401 Para. 9.10	1650	3	0	
	Rapid change of Temperature	<input checked="" type="checkbox"/>	ESCC 3401 Para. 9.16	1650	3	0	
	Contact Retention	<input checked="" type="checkbox"/>	ESCC 3401 Para. 9.17	1650	3	0	
	Maintenance Ageing	<input checked="" type="checkbox"/>	ESCC 3401 Para. 9.27	1650	10		Only applicable for 5W5 connectors
	Endurance	<input checked="" type="checkbox"/>	ESCC 3401 Para. 9.18	1650	3	0	
	Seal Test	<input type="checkbox"/>	ESCC 3401 Para. 9.9				Not applicable
	Joint Strength	<input checked="" type="checkbox"/>	ESCC 3401 Para. 9.15	1650	6	0	
	Engage/Separ. Forces	<input checked="" type="checkbox"/>	ESCC 3401 Para. 9.28	1650	110	0	
	Oversize Pin Exclusion	<input checked="" type="checkbox"/>	ESCC 3401 Para. 9.29	1650	40	0	
	Probe Damage	<input checked="" type="checkbox"/>	IEC Publication No. 512-8	1650	40	0	
Additional Tests		<input type="checkbox"/>					
		<input type="checkbox"/>					
		<input type="checkbox"/>					

