			APP		FOR	EXTENSIO	ON OF ESC	C C	UALIFICA		OVAL	Page 2	
E	SCC	С	omponent 7	Title: CC		CTORS, E POSER. PF		L, C RCU	RIMP CON	ITACTS, Z-A BASED ON	XIS TYPE RX	Appl. N	D .
		E	xecutive Me	ember: (CNES	6	-		Date	: 27/01/20	22	281G	
Components (includir	ng series and familie	es) s	ubmitted for	Extension	of Qu	ualification	Approval:						1
ESCC COMPONENT NO.	VARIANTS		RANG	GE OF CON	IPON	IENTS	BASED ON)		TEST VEHICLE /	s	COMPONE SIMILAF	ENT R
3401 076	01	All design envelops specified in Table 1(a) of ESCC Detail Specification are qualified Max. number of rows 11 Max. number of contacts: 660			RX		34010760	1B RXA1205	5FF078				
			Locking a -Through -M2 studs washers -Locating Rated cur	nd Guiding holes only with lockin pins not av rent: 1A ea	Devie g nut ailabl ch co	ces: is and le intact							
			Total cont 0.1 to 0.6 Compress contact Torque fo	act compre 5 mm per c sion force: 1 r locking de	ession ontac 1.6N evices	n range: ct per s: 10 N.cm							
			Operating -55 to +12	Temperatu 25	ure Ra	ange (°C):							
Component Ma Smiths interconnect	anufacturer	2	Loca 31 rue Isia 76410 Sa	ation of Mai dore Maille int-Aubin le	nufac s Elb	turing Plan euf	t(s)	3	Date of o Date: Certifica	original qualif 15/08 te Ref No.	ication approv /2007 281	al:	4
		5						6					7
ESCC Specifications Maintenance of quali Generic: 3401	used for fication testing: Issue: 5	0	Deviation used: No 🛛	s to LVT te Yes	sting	and Detail (supply o	Specificatio	in DX	Qualifica referenc PV n°33	ation Extensic e and date: 4860, 23th A	on Report pril 2021		
Detail(s): 3401076	S Issue: 2		Deviation No ⊠	from curren Yes	nt Spo	15) ecifications (Supply	: details)						
Summary of procurer	ment or equivalent t	oct re	eulte durin	n current va	lidity	period in s	upport of th	ie a	nplication (f	to ESC	C listed first)		8
Project Name	Testing Lev	/el		LAT	inuity		Date code	15 0			Quantity Deliv	vered	
See Excel file													
PID changes since st	tart of qualification			9	Cu	rrent PID	Verified by:			F. Noual	s, CNES		10
None 🗆					Pot	f No:		NI° /	Nam	e of Excutive	Representativ	/e	
Maior* □	*Provido dotailo in l				110	ue.	т	· N 4	τ υ		Date [.]	27/01/2022	
	FIOVIDE DELAIIS III	JUX.			Rev	v Date:	01/10/2021				Duic.	2110 112022	
Current Manufacturin	o facilities surveved	bv.				F Nouals			on		18/09/2	019	11
	5	,	-	(Name	e of E	xecutive R	epresentati	ve)	·		(Date	e)	
Satisfactory:	Yes 🛛		No	□ Exp	olain								
Report Reference:	CRIM 104019	3		No	new	visit since l	ast mainter	ianc	e due to sa	nitary situatio	on		

	APPLICATI	ON FOR EXTENSION OF ESCC QUALIFICATION APPROVAL	Page 2
ESCC	Component title:	CONNECTORS, ELECTRICAL, CRIMP CONTACTS, Z-AXIS INTERPOSER, PRINTED CIRCUIT BOARD, BASED ON TYPE RX	Appl. No.
	Executive Member:	CNES Date: 27/01/2022	281G
Failure Analysis, DPA, NCCS ava	ilable: Yes	□ No ⊠ (Supply data)	12
Ref. No's and purposes:			
The undersigned hereby certifies on behalf that the appropriate documentation has be (except as stated in box 15;) - that the repor CNES as the responsible Executive Mem	of the ESCC Executiv en evaluated; - that ful rts and data are availa ber for ESCC qualifica	e - that the above information is correct; - compliance to all ESCC requirements is evidence ole at the ESCC Executive and therefore applies on behalf of on status to be extended to the component(s) listed herein.	13
Date: 28/01/2022		JP. BUSSEN (Signature of the Executive	OT Coordinator)
Continuation of Boxes above:			14

		AP	PLICATION FOR EXTENSION OF ESCC QU	ALIFICATION APPROVAL	Page 3
	ESCC	Componen	t title: CONNECTORS, ELECTRICAL, CR	IMP CONTACTS, Z-AXIS	Appl. No.
		Executive N	Aember: CNES	Date: 27/01/2022	281G
					15
Non comp	bliance to ESCC requirements:			1	
No.:	Specification		Paragraph	Non compliance	}
Additional	I tasks required to achieve full con liance:	mpliance for I	ESCC qualification or rationale for acceptability	/ of	16
Executive	Managar Dianositian				
Executive	Manager Disposition				17
Applicatio	n Approval: Yes 👿	No 🗆			
Action / R	emarks.				
				Digit	ally signed
				Britta Schade Date	: 2022.03.01
Date:				10:20):42 +01'00'
				B. Schade: Head of the Produc and Safety Department	t Assurance

	APPLICATI	ON FOR EXTENSION OF ESCC Q	QUALIFICATION APP	PROVAL	Page 4	
ESCC	Component Title:	CONNECTORS, ELECTRICAL, C INTERPOSER, PRINTED CIRCU	CRIMP CONTACTS, 2 IT BOARD, BASED (Z-AXIS ON TYPE RX	Appl. No).
	Executive Member:	CNES	Date:	27/01/2022	281G	
ANNEX 1: LIST OF TESTS DONE TO SUF	PPORT EXTENSION C	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:

See page 8 / 76 document N°334860

PART NUMBER	DATE CODE	LOT	SERIAL NUMBER	Qty	SIMILAR TO STYLE
3401 076 01 B RXA120 55 FF 078	2110	А	-	5	RXA120 55 FF 078A

PART NUMBER	DATE	LOT	Qty	SIMILAR TO STYLE	LEVEL	
	CODE				Ι	II
3401 076 01 B RXA120 55 FF 078	2110	Α	1	RXA120 55 FF 078A	1	
3401 076 01 B RXA120 55 FF 078	2110	А	1	RXA120 55 FF 078A	2	
3401 076 01 B RXA120 55 FF 078	2110	А	1	RXA120 55 FF 078A	3	
3401 076 01 B RXA120 55 FF 078	2110	А	1	RXA120 55 FF 078A		4
3401 076 01 B RXA120 55 FF 078	2110	А	1	RXA120 55 FF 078A		5
Detail Specification reference: 3401/076						·1

	SUMMA	ARY OF RESULTS		
Type of test	Details	Specification	PASS or FAIL	Page
	Dry heat	=	PASS	15
	Damp heat accelerated, 1 st cycle	ESCC Generic	PASS	19
Climatic sequence	Cold test	Specification nº 3401,	PASS	20
	Low air pressure	Specification n°	PASS	21
	Damp heat accelerated, remaining cycles	3401/076	PASS	23
	Final measurements		PASS	26
Rapid change	Insulation resistance	Specification nº 3401,	PASS	39
01 temperature	Voltage proof	3401/076	PASS	40
-	Contact resistance (initial measurement)	ESCC Capacia	PASS	45
Endurance	Contact resistance (final measurement)	Specification nº 3401,	PASS	50
	Insulation resistance	Specification n°	PASS	52
	Voltage proof	5401/070	PASS	53

		APPLICATI	ON FOR EXTENSION	N OF ESCC QU	ALIFICATIO	N APPROVAL	Page 6
	ESCC	Component title:	CONNECTORS, ELI	ECTRICAL, CR NTED CIRCUIT	IMP CONTA	CTS, Z-AXIS SED ON TYPE RX	Appl. No.
		Executive Member:	CNES		Date:	27/01/2022	281G
	NOTES ON THE COMPL	ETION OF THE APPI	LICATION FORM FOI	R ESCC QUALI	FICATION E	XTENSION APPROVA	L
ENTRIES							
Form heading	shall indicate: - the - the entering date	e title of the componen e; - the certificate num	t as given in its detail s ber and its sequential	specification or t suffix.	he name of th	ne series, family; - the E	kecutive Member;
Box 1	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.						
Box 2; 3 and 4	As per QPL entry;	otherwise, an explana	ation of the changes m	nust be supplied	l.		
Box 5	Will show the ES reported were per	CC Generic and Deta formed. If the specifica	ail specifications, inclu ations are different from	uding issue num m those current	ber and revi on the date	ision letter, current at t of the application, see E	he time the tests sox 6.
Box 6	Will show the dev deviations this mu indicate also whet	iations from the Gene st be listed in Box 15. her the test data devia	ric and Detail Specific In case the referenced ates or not from such o	cations listed in d specification ir current documer	Box 5, in par n Box 5 have nts.	ticular deviations from t currently a different issu	esting. In case of ue and/or revision
Box 7	Must reference the	e report(s) supplied in	support of the applica	ation.			
Box 8	Should provide the to the ESCC Exec	e details of procuremen cutive under the terms	nt to the full ESCC Sys of the relevant Generi	tem, documentatic Specification.	ation of all of v An appropria	vhich should already ha ate table has been draw	ve been delivered n in this box.
Box 9	If the PID evolved be provided toget	after the Original Qua her with the reasons fo	lification or after the la or the changes. Major	ast Extension of changes shall b	Qualification e clearly mar	, adequate details of su ked.	ch evolution shall
Box 10	Identify the curren arranged as close	nt PID issue status, d as possible to the rec	late and actual date of extension	of verification. T	he date of ν	verification of the curre	nt PID should be
Box 11	This box can be o practices, procedu out in accordance	completed only after a ires, material, etc. use with the requirements	a physical visit to the d in manufacturing the s of ESCC Basic Spec	plant to confirm e components ar sification No. 202	that no une e as describe 200 and its fir	xplained changes occu ed in the PID. This surve ndings shall be recorded	rred and that the y shall be carried l.
Box 12	Provide details o Nonconformance(satisfactory result	f, or reference to, a s) (NCCS) occurred d s.	ny Destructive Physi uring the qualification	ical Analysis (E validity period,	OPA) and Fa stating if esta	ailure Analysis reports ablished corrective action	as well as any on have produced
Box 13	Enter only the na Coordinator.	me of the Executive	Member (i.e., CNES,	DLR, ESTEC,	etc.) and the	e signature of the respo	onsible Executive
Box 14	To be used when the relevant Box.	there is a need to exp Box 14 can be broken	oand any of the boxes into 14a, 14b, etc. if s	from 1 through several boxes ha	12. Identify I ave to be exp	box affected and referent and effected and reference and ed.	nce the Box 14 in
Box 15	Fill in Table as rec	quested.					
Box 16	Any additional act by the ESCC Exe	ion deemed necessar cutive should be listed	y by the Executive Me herein or the reason(ember to bring t (s) to accept the	he submitted noncompliar	data to a standard like nce.	ly to be accepted
Box 17	All Executive Man entry, letters to the	ager recommendation e manufacturer, etc. sl	s on the application its hall be entered clearly	self, special cond r in Box 19, sign	litions or rest ed by the rep	rictions, modifications o resentative for ESA, an	f the QPL or QML d dated.
Box 18	Fill in Table as rec	quested.					
Box 19	Confidential Detai	ls of PID changes incl	uding those of a confid	dential nature, s	hall be provid	ded.	
Box 20	State noncomplia shall be sequentia	nce with reference to Illy numbered. If releva	specification(s) and p ant state 'None'.	oaragraph(s). To	o simplify ref	erence in Box 16 each	nonconformance
Box 21	Any additional act by the ESCC Exe	ion deemed necessar cutive should be listed	y by the Executive Me herein or the reason(ember to bring t (s) to accept the	he submitted noncompliar	data to a standard like nce.	ly to be accepted
Box 22	Additional Comme	ents.					