



APPLICATION FOR ESCC QUALIFICATION APPROVAL

Component Title: CABLE, LOW MASS, "SPACEWIRE", ROUND, QUAD USING SYMMETRIC CABLES, FLEXIBLE, -100 TO +150°C
 Executive Member: CNES Date: 26/08/2015

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Components (including series and families) submitted for Qual. App. 1

ESA/ESCC COMP. NO.	VARIANTS	RANGE OF COMPONENTS	BASED ON	TEST VEHICLE / S	COMPONENT SIMILAR
3902/004	01	Variant 01 AWG 28/19 is qualified, 100 Ω impedance Data Rate: 400Mb/s - 400MHz Operating Voltage (Continuous): 200V, Current: 1.5A Operating Temperature Range: -100°C; +150°C	SPACE WIRE	390100401	

Component Manufacturer Axon	2	Location of Manufacturing Plant Axon/Cable SA Route de Chalons en Champagne 51210 Montmirail	3	ESCC Specification used for Qualification Generic: 3902 Detail/s: 3902/004	4
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Qualification Report Reference and date: TEST REPORT N°3587 Issue A Date: 01/04/2015	5	PID used for manufacturing Qualification Lot Ref No: ESA-PID-01-AXON Issue: 13 Date: 19/11/2014	6
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PID changes since start of qualification None <input checked="" type="checkbox"/> Minor* <input type="checkbox"/> Major* <input type="checkbox"/> *Provide detail.	7	Current PID Verified by JB Sauveplane Ref No: ESA-PID-01-AXON Issue: 13 Date: 19/11/2014	8
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Current Manufacturing facilities surveyed by: CNES and ESA (CR999274)
 JB Sauveplane
 (Name of Executive Responsible) (Date)
 9/06/2015
 Satisfactory: Yes No Explain

Quality and Reliability Data Evaluation testing performed Yes X (delta, ESA contract) No Report Ref. No. 09048-QTR-A01-axon (June 2013) + No. 3177 (July 2013) Equivalent Data: Space wire already qualified Certification: 291C	10	Failure analysis, DPA, NCCS available Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> (supply data) Ref. Nos. and purpose:
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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 13; that the reports and data are available at the ESCC Executive and therefore applies for ESCC qualification given to the component(s) listed herein.

Date: 26/08/2015

JP. BUSSENOT
((Signature of the Executive Coordinator))

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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