



**estec**

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C & K Components  
Division Spatiale  
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France

For the attention of Mr O. Masson

**Your ref.**            **337A**  
**Our ref.**            **TEC-QES/HHE/171111**

**Noordwijk, 24 November 2017**  
**Subject: ESCC Qualification Certificate for Connectors**

Dear Sir,

We are pleased to inform you that, based on a review of the Lot Acceptance Test Report by the ESCC Executive, your plant in Dole, France remains qualified for the supply of Fast-Locking Screw Lock assemblies for Rectangular Connectors 3401/001, 3401/002 and Connector Savers 3401/020 and 3401/080.

Please note that, as specified in the relevant Certificate, the qualification status of the subject devices will be valid until January 2020.

If after this date, you wish to maintain the qualification status, you are required to notify your ESCC Executive Representative (ie. CNES, Toulouse) by letter, copying the ESCC Executive Secretariat (address above, Attention TEC-QES), 2 months before the actual expiry date. At the same time, you should then provide ESCC Executive Representative with the following documents:

- Certificate of Compliance.
- List of agreed changes – if any – in manufacturing processes and/or materials used.
- List of hi-rel components supplied by your above mentioned plant during the preceding period (including the identification of the procurement testing level).
- Test evidence.

Upon receipt of these items and after investigation into your customers' experience regarding delivery times and quality of components supplied for European space projects, your ESCC Executive Representative will forward to the ESCC Executive an application for extension of Qualification Approval.

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The ESCC Executive will:

- (a) if its findings are satisfactory immediately extend the qualification period by 2 years
- (b) if the situation is not satisfactory define the actions required to achieve a maintenance of qualification status.

Please be reminded that it is not permitted to mark components for space application with the ESA symbol after the qualification validity period has expired.

Yours faithfully,

A handwritten signature in blue ink, appearing to read 'B. Schade'.

B. Schade  
Head of the Product Assurance  
and Safety Department

Encl.

cc.  
J.P. Bussenot, CNES, Toulouse  
A. Pesce, ESA, TEC-QES

FAST LOCKING SCREW LOCK ASSEMBLIES FOR RECTANGULAR CONNECTORS 3401/001, 3401/002 AND CONNECTOR SAVERS 3401/020, 3401/080				337A
Procurement Specifications	Manufacturer	Nature of Approval	Supervising Authority	Initial Qualification Date
Generic ESCC 3401	C&K Components Dole France	Qualification	CNES	Jan 2016
Detail ESCC 3401/085		Remarks		
<p>Qualified range:</p> <p>All Variants are qualified. Variant 06 is mandatory where applicable</p> <p>Operating Temperature Range (°C): -55 to +150</p>				



**european space agency**  
**agence spatiale européenne**

## **Certificate of Qualification No. 337A**

This is to certify that C&K Components, Dole, France has been qualified by ESA for the supply of Fast-Locking Screw Lock assemblies for Rectangular Connectors 3401/001, 3401/002 and Connector Savers 3401/020 and 3401/080 for use in ESA space programmes, according to ESCC Generic Specification 3401 and associated Detail Specification 3401/085 as recommended by the Space Components Steering Board.

This certificate is valid until January 2020.

**Head of the Product Assurance  
and Safety Department**

**Date**  
**24 November 2017**