

## [ESCC QPL November 2017 NEW FORMAT](#)



The ESCC QPL November was published with 15 extensions and 3 amendments.

The new format ( first released in October 2017) of the document is more user-friendly and allows for easy navigation across its sections. QPL users will find more easily what they may be looking for. The new QPL includes as well all the direct automatic links to the procurement specifications and manufacturers' information as posted in ESCIES. For more information please click [HERE](#)



## [NEW ESCC Process Capability Approval](#)

3D Plus is now certified in accordance with ESCC 2566001 for its 3D Staking Technology Modules!!



## **NEW ESCC Specifications Published:**

October 2017: A NEW ESCC Basic Specification REQUIREMENTS FOR THE PROCESS CAPABILITY APPROVAL FOR MANUFACTURING LINES OF NON-HERMETIC MICROELECTRONIC MODULES was published, ESCC **2566001 issue 1**. Please click [HERE](#) for more information



## **ECSS-Q-ST-70-38rev1 (15 September 2017) Published**

This Standard prescribes requirements for electrical connections of leadless and leaded surface mounted devices (SMD) on spacecraft and associated equipment, utilising a range of substrate assemblies and employing solder as the interconnection media. Please click [HERE](#) to view the document



## Successfully completed ESCC Qualification AUDITS

The ESCC Executive performs an audit of the manufacturer's design, production and test facilities. This combines a Quality Management System audit and a manufacturing line survey.

Recently ESA successfully performed audits during 2017 at the following Qualified Manufacturers:

**4 in the UK:** AVX Ltd., TE Connectivity (Tyco Electronics Ltd.), W.L. Gore (UK), Teledyne Reynolds

**6 in France:** Atmel Microchip, Exxelia Magnetics (Microspire), Leach, Minco, Vishay Sfernice, 3D Plus

**3 in Germany:** Tesat, RHe Microsystems, Vishay Draloric

**1 in Belgium:** TAS

**1 in Italy:** IRCA-RICA

**2 in Switzerland:** IST, Diamond

## UPCOMING EVENTS



### [ESCC Training Course](#)

The next ESCC Training Course will take place at ESA/ESTEC in Noordwijk on **January 11th, 2018!** For more information, please click [HERE](#)



### [Workshop on Innovative Technologies for Space Optics](#)

This workshop focuses on selected topics on innovative optical technologies identified as enabling for future missions or critical in the improvement of current mission concepts. 12- 16 February 2018 at ESA/ESTEC in Noordwijk. For more information, please click [HERE](#)

## RECENTLY PUBLISHED ESCC SPECIFICATION

### NEW ESCC Specifications published since 15th October 2017

Number	Title
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<a href="#">2566001</a>	REQUIREMENTS FOR THE PROCESS CAPABILITY APPROVAL FOR MANUFACTURING LINES OF NON-HERMETIC MICROELECTRONIC MODULES
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### Up-Issued ESCC Specifications published since 15th October 2017

Number	Title
<a href="#">20600</a>	Preservation Packaging and Despatch of SCC Components
<a href="#">3001/027</a>	Capacitors Fixed Ceramic Dielectric Type II, based on type TCN83E
<a href="#">3001/038</a>	Capacitors, Fixed, Multiple Layer, Ceramic Dielectric, Type II, Based on Types CNC53, CNC54, CNC55, CNC56, CNC57, CNC58 ...
<a href="#">3202/023</a>	ISOLATORS, HIGH POWER, C BAND (3.4GHz to 4.8GHz), WITH NON-INTEGRAL TNC COAXIAL CONNECTORS BASED ON TYPES BG11E2-206 AN ...
<a href="#">3401/001</a>	Connectors Electrical Rectangular Non-Removable Solder Bucket PCB and Wire-Wrap Contacts and Removable Coaxial and Power ...
<a href="#">3401/002</a>	Connectors Electrical Rectangular Removable Crimp Contacts, based on type D*MA
<a href="#">3401/022</a>	Accessories for Rectangular Connectors 3401/001 and 3401/002 and Connector Savers 3401/020
<a href="#">3401/029</a>	Connectors Electrical Rectangular Microminiature, based on type MDM
<a href="#">3401/031</a>	Connectors Electrical Single-in-Line Microminiature, based on type MTB1
<a href="#">3401/072</a>	Lightweight accessories for rectangular connectors 3401/001 and 3401/002
<a href="#">3401/084</a>	Accessories for Rectangular connectors, Microminiature 3401/081 and 3401/082
<a href="#">4001/027</a>	Resistor Fixed Chip Metal Foil, based on Type SMP-PW, SMS-PW, SMT-PW
<a href="#">5101/013</a>	Diodes Switching, based on types 1N5807 through 1N5811
<a href="#">5101/014</a>	Diodes Switching, based on types 1N5802, 1N5804, 1N5806, 1N5802US, 1N5804US, 1N5806US and 1N5806U
<a href="#">5101/026</a>	Diodes Silicon Switching, based on types 1N6638, 1N6642 and 1N6643
<a href="#">5101/027</a>	Diodes Silicon Switching, based on types 1N6639, 1N6640 and 1N6641
<a href="#">5106/020</a>	Diodes, Silicon, Power Schottky Rectifier based on Type 1N5822U
<a href="#">5106/021</a>	Diode, Silicon, Power Schottky Rectifier, based on Type 1N5819
<a href="#">5205/021</a>	Transistors, Power, MOSFET, N-Channel, RAD-HARD, based on Type STRH100N10FSY3
<a href="#">5205/024</a>	TRANSISTORS, POWER, MOSFET, N-CHANNEL, RAD-HARD BASED ON TYPE STRH40N6
<a href="#">5205/029</a>	TRANSISTORS, POWER, MOSFET, P-CHANNEL, RAD-HARD BASED ON TYPE STRH12P10