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Systronic
att. Mr X Mougnot
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Our ref. ESA-TECMSP-LE-015177

Noordwijk, 25/07/2019

VISA: T Rohr (TEC-MSP)

Subject: Qualification renewal of rigid-flex polyimide PCBs from Systronic

Dear Mr Mougnot,

Systronic submitted a rigid-flex polyimide PCB to ESA for qualification renewal in May 2019. The successful outcome is reported in ESA-TECMSP-RP-014831.

In addition, Systronic submitted a rigid polyimide PCB to ESA for qualification renewal. A non-conformance of insufficient annular ring is reported in ESA-TECMSP-RP-014431 and corrective actions are requested in letter ESA-TECMSP-LE-015178.

In addition, Systronic performed delta qualification for a Process Change Notification of electroless copper, as reported in 190108 SY 962-18 ver F. As a result, the PIDs have been updated to issue 10. This has been reviewed and approved by ESA, CNES and Systronic's main customers.

Systronic is considered qualified in accordance with ECSS-Q-ST-70-60C for the manufacture of Printed Circuit Boards as follows:

- Rigid-flex sequential polyimide PCBs as per PID 5 v10 until 1 Aug 2021

Best regards,

Stan Heltzel
Materials & Processes Section