



ESA ESTEC
Keplerlaan 1
2201 AZ Noordwijk
The Netherlands

Amphenol-Invotec Tamworth
att. H Swarbrick
Hedging Lane
Tamworth
B77 5HH
United Kingdom

Our ref. ESA-TECMSP-LE-2022-000426

Noordwijk, 15/02/2022

VISA: T Rohr

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

Dear Mr Swarbrick,

Invotec submitted a sequential rigid-flex polyimide PCB for qualification renewal to ESA in October 2021. The results are reported in ESA-TECMSP-TR-2022-000105. The inspected board showed no deviation from the specification.

In addition to this, there is an ongoing failure investigation, which resulted in the Invotec's qualification renewal status being declared as "qualification renewal is failed and ongoing" as described in ESA-TECMSP-LE-2022-000039. Pending successful outcome of this ongoing investigation, Invotec 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 SM19T.iss.04 until 15 Feb 2024

Best regards,

Jussi Hokka
Materials & Processes Section