

अंतरिक्ष उपयोग केंद्र
अंतरिक्ष विभाग
भारत सरकार
अहमदाबाद - 380015
गुजरात, भारत



Space Applications Centre
Department of Space
Government of India
Ahmedabad - 380015
Gujarat, India

अर्हता प्रमाणपत्र / Certificate of Qualification

जारी करने की तिथि: फरवरी १६, २०१७
प्रमाणपत्र सं.: सेक/एसआरजी/सर्टिफिकेट/२०१७/०१
जारी कर्ता : पीएमक्यूडी-ई/एसआरजी/सेक

ISSUE DATE: February 16, 2017
CERTIFICATE No.: SAC/SRG/CERT/2017/01
ISSUED BY.: PMQD-E/SRG/SAC

This is to certify that
M/s. Hi-Q, Electronics Private Limited

#9, Industrial Estate, Hosur- 635109, Tamilnadu, India has been Qualified by Space Applications Centre for fabrication of rigid & flexi-rigid multilayer printed circuit board (MLB) for Flight use, as per ISRO-PAX-304, issue-2. Details of Qualified Processes are as under,

Sr. No.	Process Type	Capabilities
1.	10-layer, Rigid, FR4/ Polyimide laminates, HASL finish	Line/gap - 6mil, Basic Cu: 1-Oz & 1/2-Oz on Outer layers & 1-Oz/2-Oz on other layers PTH/Via - 0.2mm, Max. Aspect Ratio (PCB Thickness/Drill Dia) of 9.6, PTH/Via Filling - epoxy-filling
2.	10-layer, Rigid-flex, polyimide laminate, HASL finish	line/gap on flex - 5 mil, No. of flex layers- 02-layer (Double sided flex), Basic Cu- 1oz. on rigid and flex layers, Flex Application - flex-to-assemble (i.e static use only)

यह प्रमाणपत्र फरवरी १५, २०२० तक वैध है | This Certificate is valid up to February 15, 2020.

संदर्भ दस्तावेज़ / Reference Documents

- **परीक्षण रिपोर्ट सं.:** (a) SAC/SRA/GEN/PQR/14.0, October, 2014 (NCRC MOM dated 30th January, 2017) & (b) SAC/SRA/GEN/PQR/7.0, May, 2015, & SAC/SRA/GEN/PQR/20.0, December, 2015.
- **प्रक्रिया पहचान दस्तावेज़ सं.:** Hi-Q/DOC/PID/001, May, 2013 & Hi-Q/DOC/PID/002, May, 2015.

(र. कृ. हेगड़े)

(R. K. Hegde)

प्रधान, पीएमक्यूडी-ई/एसआरजी
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निदेशक, सेक
Director, SAC