

Gold Plated PTH / non PTH PCBS

on PTFE Based Substrates For RF/ MM Wave applications for Space and Ground use

Product specifications

- Minimum hole dia 0.3 mm for serial no. 1,2, and 5
- Minimum hole dia 0.5 mm for serial no. 3 and 4
- Surface activation of PTFE based laminates.
- Soft gold plating
- Gold Overhang \leq 10 micron
- Track width and spacing 130 micron
- Slot dimension 0.8 mm to 1.5 mm

Salient Features

Laminate types: Process is capable to fabricate space qualified PCBs on following types of substrates, with thickness varies from 10 mil to 25 mil.

1. RT Duroid 6002 ½ / ½ Cu
2. RT Duroid 6010 ½ / ½ Cu
3. RT Duroid 6002 ½ / 1mm Cu
4. RT Duroid 6010 ½ / 1 mm Cu
5. TMM10i

Approximate Work Load Per Year

- 800 to 1000 PCBs for on-board
- 1000 to 1200 PCBs for ground applications

Technology Transfer from ISRO

ISRO is willing to offer the knowhow of this technology to suitable entrepreneurs / industries in India. Capable manufacturing industries interested in acquiring this knowhow may write with details of their present activities, requirements and plans for implementation, infrastructure and technical expertise available with them, their own market assessment, if any, and plans for diversification to the address given below: