

Earlier Approval

Number

4670

Year

2012



Certificate No. : 4818

Date of Issue : 01 OCT 2017

Date of Expiry : 01 OCT 2020

**GOVERNMENT OF INDIA**  
**Ministry Of Defence**

**ELECTRONIC COMPONENTS STANDARDISATION ORGANISATION (LCSO)**  
**QUALIFICATION APPROVAL**

(UNDER THE PROVISIONS OF JSS 5999- 10)

*Grant of this Approval\* confirms the competence of*

**HI-Q ELECTRONICS PRIVATE LIMITED**

#9, Industrial Estate,

Hosur, **TAMILNADU - 635109**

*to manufacture the Component(s) described below :*

1. Component : Printed Wiring Board, Rigid, Multilayer
2. Manufacturer's Code : Nil
3. Joint Services Specification : JSS 52302
4. Style Reference : Nil
5. Range : Double sided with PTH & Multilayer (10 Layers)
6. JSS 50101 Severities
  - Temperature : T 65/125
  - Damp Heat : H 12 ( 2 cycles and 21 days)
  - Air Pressure (Low) : Not applicable
  - Acceleration (Steady state) : Not applicable
  - Impact (Shock) : Not applicable
  - Vibration : Not applicable
7. Special features :
  - a) Base Material : Glass (Woven fabric base, Epoxy Resin, Flame retardant, Copper clad, Grade GF)
  - b) Copper thickness: 35µm(min.)
  - c) Board Thickness: 2.5 mm
  - d) Conductor width/Conductor spacing: 0.125 mm (min)
  - e) Process: (i) Hot air leveling  
(ii) Solder mask over bare copper

(VASUDHA PRASAD RAO B)

Scientist 'F'

Officer-in-Charge, LCSO

Chairman

LCSO Panel

(VASUDHA PRASAD RAO B)

Scientist 'F'

Officer-in-Charge, LCSO

**Defence Research and Development Organisation**

LRDE, C V Raman Nagar, BANGALORE – 560 093

For **Electronics Standardisation Sub-Committee**

Place : BANGALORE

Date : 13 OCT 2017

\* Note 1 : This Approval does not obviate the need for Batch Acceptance tests.

Note 2 : Failure of this component during usage may be reported to OIC, LCSO.