

Mtron FAI Standard Per AS9102C

This First Article Inspection (FAI) standard applies for the first production run, any subsequent design change (requiring a full or partial Delta FAI) and after a two-year gap in production. Unless contractually required, this standard does not apply to:

1. Development and prototype parts that are not considered as part of the first production run.
2. Procured standard catalogue items, COTS, or deliverable software. When COTS items are included in an assembly, they shall be documented in the index of part numbers in an assembly FAIR.

The table below defines the documentation that will be made available on a FAI.

Included in FAI	Not Included in FAI
Commercial Off-The-Shelf (COTS) will be documented in the index of part numbers in an assembly and marked as COTS.	Certificate of Conformance (C of C), packing slips and similar documentation for all unmodified Commercial Off-The-Shelf (COTS) components.
Standard Certificate of Conformance (C of C) from Printed Circuit Board (PCB) supplier.	Certificate of Conformance (C of C), packing slips and similar documentation for raw materials utilized in the fabrication of the Printed Circuit Board (PCB). This includes, but not limited to laminate, copper, solder mask, epoxy and silk screen.
	Certificate of Conformance (C of C) showing the Printed Circuit Board (PCB) compliance to artwork and panelized drawings.
Included under Certificate of Conformance (C of C) from Printed Circuit Board (PCB) supplier.	Dimensional measurements of holes, annular rings and traces.
Certificate of Conformance (C of C) from metalwork supplier.	Certificate of Conformance (C of C), packing slips and similar documentation for any metals, plating or lubricants.

FAI Approval

Upon approval, the FAI is considered closed and binding. Approved FAIs are not subject to further retroactive review.