



FEDC PCB Specifications Fall 2018

The EDC has three distinct versions of a PCB (Printed Circuit Board) as follows:

Express- Simple PCBS, turn in 1-2 weekdays

Single Sided 1 oz. Copper 0.059" Thickness 15mil. Trace + 10 mil. Space 0.2mm
Minimum Drill Size 10mil. Minimum Annular Ring 2mm Board Edge to Copper
Clearance No Slots or Internal Cutouts

Rectangular PCB Standard-Turn in 1 week

Double Sided w/ Plated Through Holes 0.5 oz., or 1 oz. Copper 0.059" Thick 10mil.
Trace + 10mil. Space 0.4mm Minimum Drill Size 8mil. Minimum Annular Ring 1mm
Board Edge to Copper Clearance 1mm Minimum Slot Hole Dimension Place Internal
Cutouts on Board Outline Layer

Advanced-Turn in 1-2 weeks

Double Sided w/ Plated Through Holes 0.5 oz., 1 oz., and 2 oz. Copper Available 0.059"
Thick (0.020" with 12 oz.) 5mil. Trace + 10mil. Space 0.4mm Minimum Drill Size 8mil.
Minimum Annular Ring 0.5mm Board Edge to Copper Clearance 1mm Minimum Slot
Hole Dimension Place Internal Cutouts on Board Outline Layer