

A

B

C

D

E

1

1

2

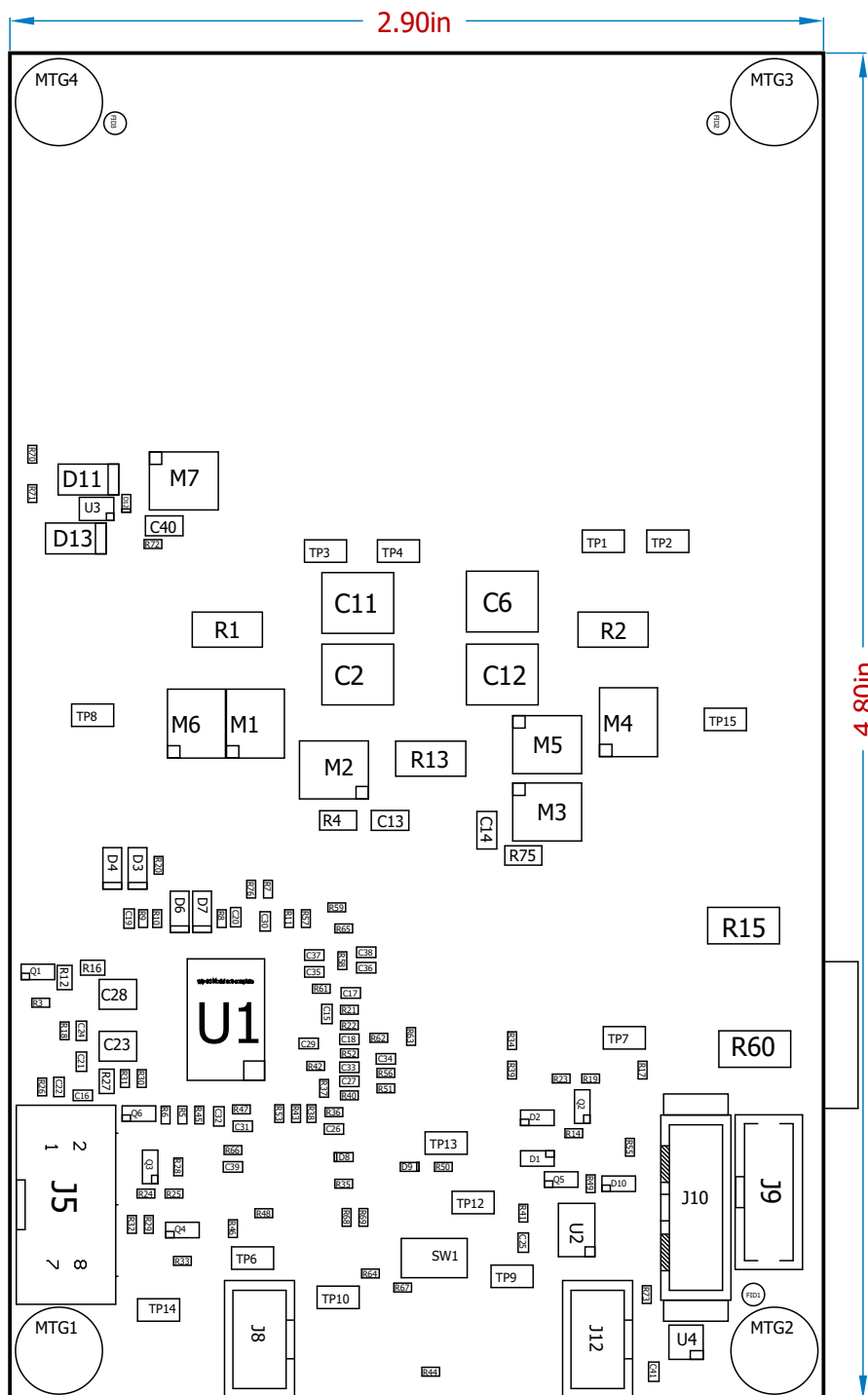
2

3

3

4

4



Assembly Top side (Scale: 1.5 x)

Assembly SKU: DC2703A
Featured IC: LT8491-UKJ
PCB Part Number: 600-DC2703_REV04



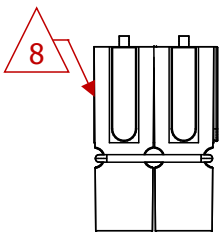
A

B

C

D

E

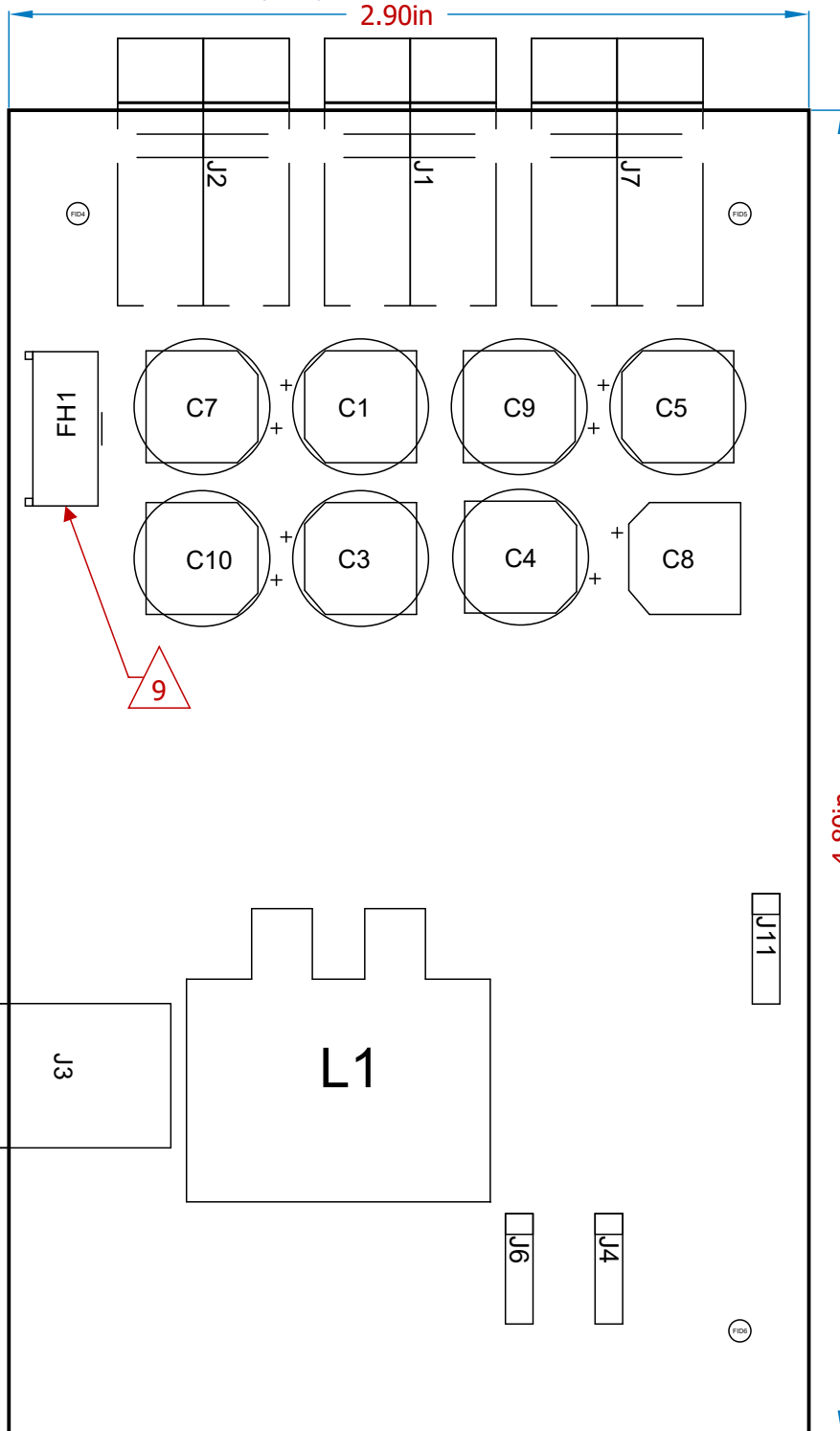


Black slides this direction to lock
(Before inserting terminals or staple)

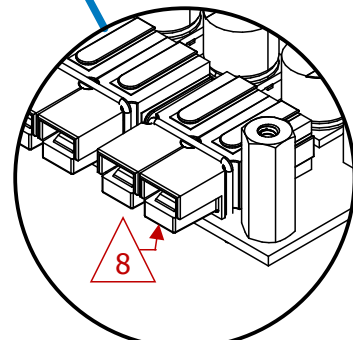
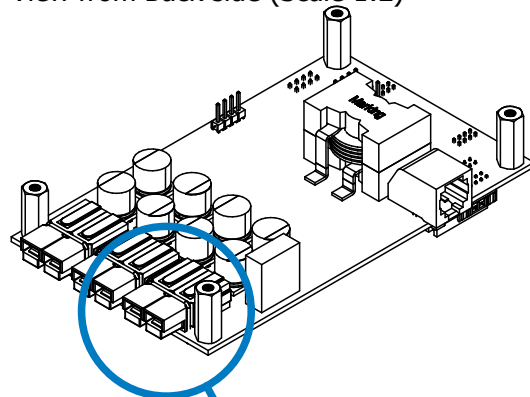
Lock Housings together by Sliding

J1, J2, J7 SEE NOTE 8

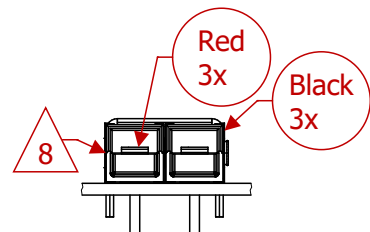
2.90in



View from Back side (Scale 1:2)



DETAIL A (Scale 1:1)



Component View J1, J2, J7 (Scale 1:1)

4.80in

Assembly SKU: DC2703A
Featured IC: LT8491-UKJ
PCB Part Number: 600-DC2703_REV04



A

B

C

D

E

Assembly Bottom side (Scale: 1.5 x)

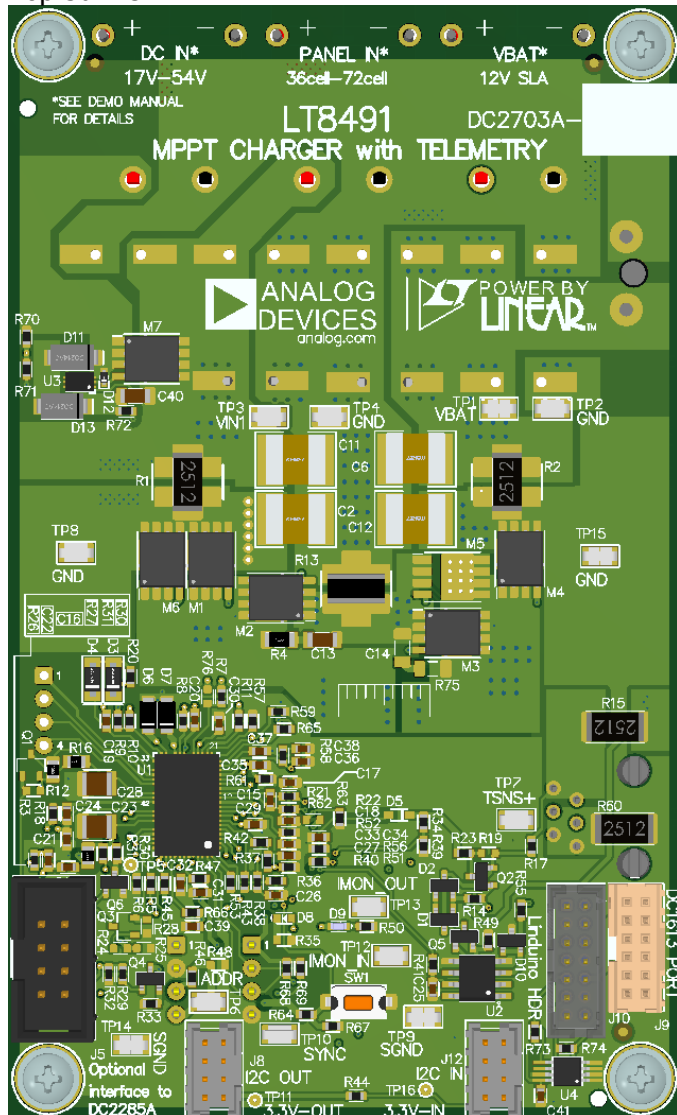
Notes:

1. WORKMANSHIP SHALL BE IN ACCORDANCE WITH IPC-A-610 CLASS 2
2. ASSEMBLY PROCESS SHALL INCLUDE: REFLOW SOLDER BOTH SIDES SMD MAXIMUM SOLDER TEMPERATURE 240C
3. PARTS TO OMIT WILL BE SPECIFIED ON THE BILL OF MATERIALS
4. LOCATIONS OF OMITTED PARTS SHALL BE FREE OF SOLDER; MASK THE SOLDER STENCIL WHERE SMT PARTS ARE OMITTED
5. DEPANELIZE BOARDS AFTER ASSEMBLY AND ROUTE-OUT ALL BREAKOUT TABS; DEBURR AND BREAK ALL SHARP EDGES
6. DO NOT APPLY ANY KIND OF ASSEMBLY STAMP OR QA STAMP TO ANY BOARD
7. INSTALL STANDOFFS AT 4 LOCATIONS MTG1-MTG4 AS SHOWN

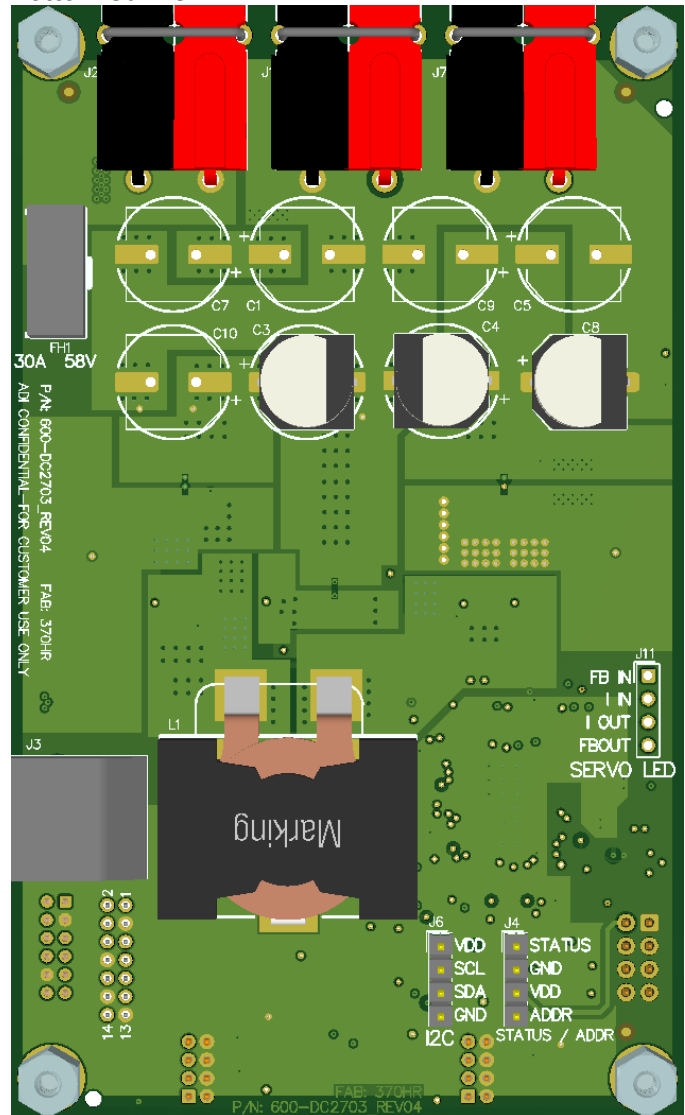
8 J1, J2, J7 Each assembled from 4 parts and installed with Mounting Staple; BOM items have designators MP (Mechanical Part); Note housing orientation/rotation and color/position, lock by sliding BEFORE inserting terminals (see illustration)

9 INSTALL FUSE IN FUSE HOLDER AFTER SOLDERING ALL PARTS

Top 3d View



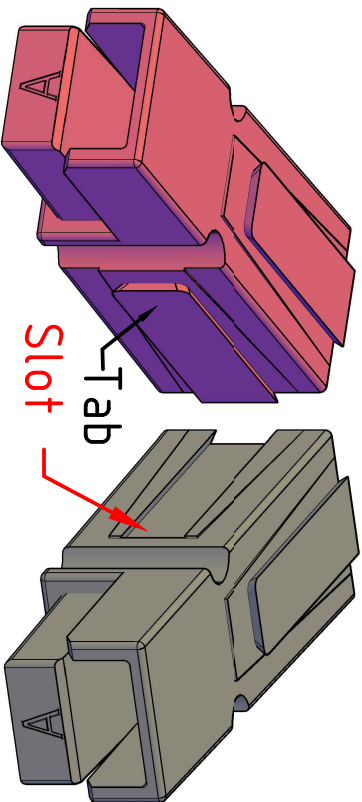
Bottom 3d View



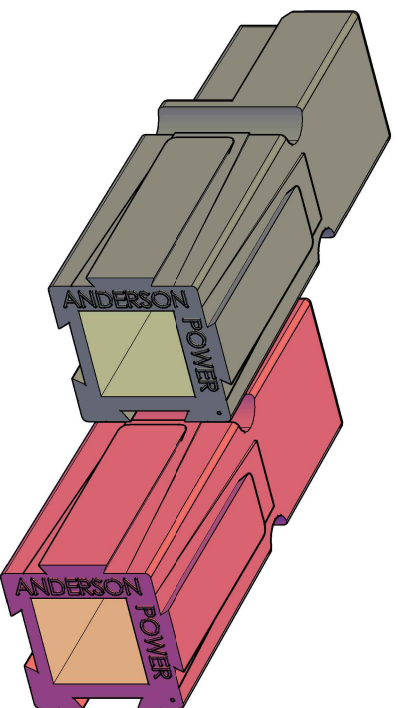
Assembly SKU: DC2703A
Featured IC: LT8491-UKJ
PCB Part Number: 600-DC2703_REV04



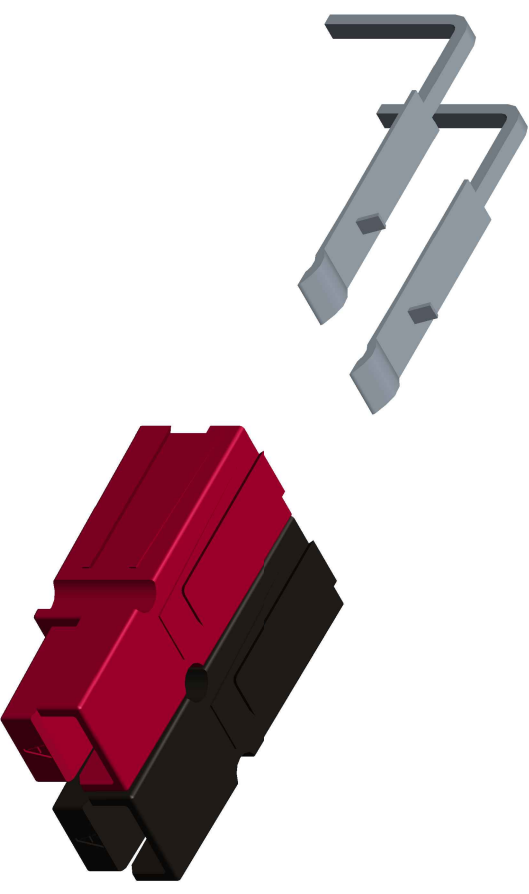
1. Verify Alignment



2. Slide Red tab into Black Slot



3. Insert terminals



- 4. Verify terminals fully seated
- 5. Insert assembly and staple into PCB
- 6. Hold flat and square while soldering

