CCA-OPTICAL RECEIVER

Dwg. No. 85-20101.01

Revision A

MIT ASSEMBLY NOTES
1. Anti-static handling per MIT Procedure 99-01003.
2. Inspect PCB's, upon receipt from Charnwood Dynamics, per NASA-STD-8739.2 and NASA-STD-8739.3.
3. Spot bond components, as needed, using Uralane 5753 with Aluminum oxide.
4. Spot bond hardware, as needed, using Epon 828/V125 with Aluminum oxide.
5. Prior to conformal coat: clean, inspect, and bake assembly for 1 hour at 50C.
6. Mask for conformal coating as needed.
7. Conformal coat PCB Assembly with Conap Conathane CE-1155.
   - Cure at 25C, Ambient pressure for 8 hours.
   - Remove masking and residue prior to vacuum bake.
   - Cure at 50C, 10-4 Torr for 24 hours.
8. Inspect, bag in anti-static bag with nitrogen purge, and seal prior to storage in bonded stock.

Reference Documents:
   Optical Receiver CCA Parts List
   Optical Receiver PCB stack-up and layout