

Rev.	ECO	Description	Checked	Approval	Date
A	85-064	INITIAL RELEASE			

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