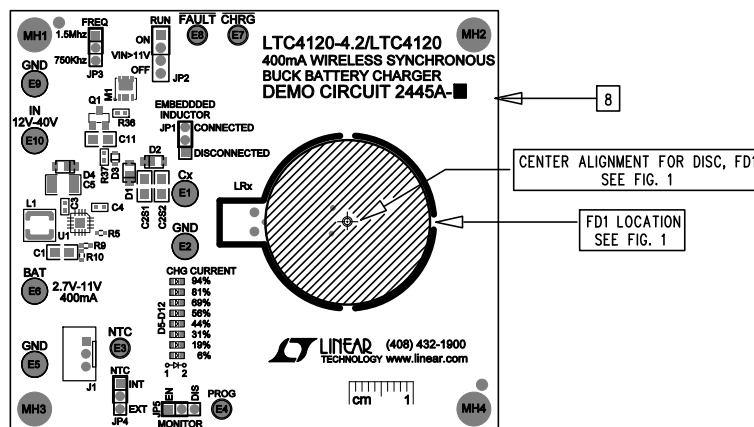


REVISION HISTORY				
ECO	REV	DESCRIPTION	APPR	DATE
-	1	PRODUCTION FAB	GEORGE B.	9-25-15

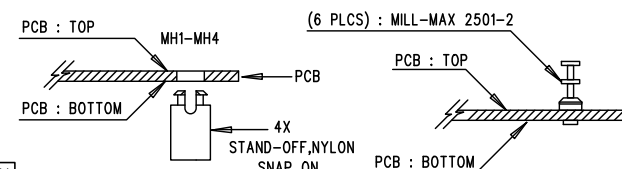
FERRITE DISC- FD1: ASSEMBLY DIAGRAM

PER FIG 1. - CUT AND PLACE DOUBLE SIDED STICKY TAPE WITHIN CENTER ALIGNMENT AREA FOR FD1 - PART # 3M, MMM109
- ALIGN DISC AND GENTLY PLACE FD1 WHERE TAPE IS - PART # ADAMS MAGNETICS, B67410-A0223-X195



NOTES: UNLESS OTHERWISE SPECIFIED

1. WORKMANSHIP SHALL BE IN ACCORDANCE WITH IPC-A-610, CLASS 2.
2. ASSEMBLY PROCESS SHALL INCLUDE: REFLOW SOLDER TOP SIDE SMD. MAXIMUM SOLDER TEMPERATURE IS 240 DEGREES CELSIUS.
3. PARTS TO OMIT WILL BE SPECIFIED ON THE BILL OF MATERIALS. LOCATIONS OF OMITTED PARTS SHALL BE FREE OF SOLDER. MASK THE SOLDER STENCIL WHERE SMT PARTS ARE OMITTED.
4. INSTALL SHUNTS AS SHOWN ON ASSY DRAWING.
5. DEPANELIZE BOARDS AFTER ASSEMBLY AND ROUTE-OUT THE BREAKOUT TABS ON FOUR SIDES OF THE BOARD EDGE.
6. DO NOT APPLY ANY KIND OF ASSEMBLY STAMP OR QA STAMP TO ANY BOARD.
7. INSTALL TURRETS AND 4 STANDOFFS AT LOCATIONS SHOWN BELOW:



8. THERE ARE TWO ASSEMBLY VERSIONS FOR THIS DESIGN: -A AND -B PLEASE SEE BILL OF MATERIALS AND TABLE BELOW TO MARK EACH VERSION CORRECTLY BY BLACK PERMANENT MARKER.

ASSY	U1	R9	R10
-A	LTC4120EUD-4.2	OPEN	0 Ohm
-B	LTC4120EUD	1.40MEG	1.05MEG

APPROVALS		LINEAR TECHNOLOGY	
PCB DES.	NC	1630 MCCARTHY BLVD MILPITAS, CA 95035 PH: (408)432-1900 www.linear.com LTC CONFIDENTIAL - FOR CUSTOMER USE ONLY	
APP ENG.	GEORGE B.		
		TITLE: TOP ASSEMBLY DRAWING: 400mA WIRELESS SYNCHRONOUS BUCK BATTERY CHARGER	
		SIZE N/A	IC NO. LTC4120EUD-4.2/LTC4120EUD DEMO CIRCUIT 2445A-A/B
		SCALE = NONE	REV. 1
		FILENAME: DC2445A-1.PCB	SHT 1 of 2