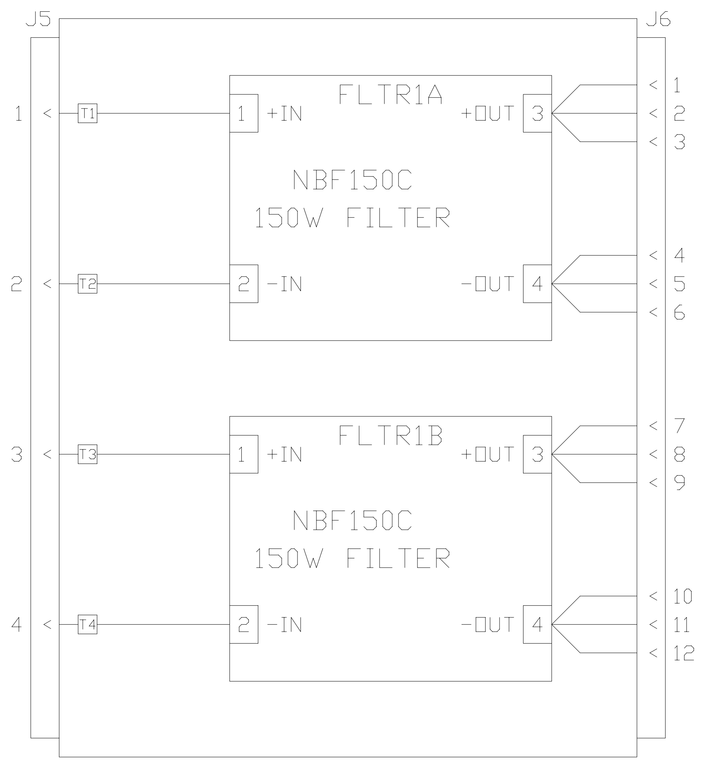

MATERIAL BLOCK		
SYMBOL	MANUFACTURE TYPE	MIL-NO.
FLTR1A	ABBOT NBF150-C	
FLTR1B	ABBOT NBF150-C	
J5	AMP 208407-3	M24308/24-31
J6	AMP 1218408-2	M24308/23-32
T1, T2, T3, T4	CONCORD 10-135-2	

CABLE TIES SHALL BE IN ACCORDANCE WITH NSTS 22648 FOR FLAMMABILITY AND OUTGASSING REQUIREMENTS.

MOUNTING CLAMPS SHALL BE PANDUIT NO.MBMS-S10-C,AL SHEET PER FED SPEC QQ-A-250/2,3003 H0144 OR FABRICATED TO AL SHEET PER FED SPEC QQ-A-250/11,6061 T6.

1. SINGLE LAYER BOARD WITH GROUND PLANE ON SOLDER SIDE, TRACES ON COMPONENT SIDE.
2. J5 MATE IS AMP 207253-1
3. CONNECTORS CHOSEN FOR 0.063 PC BOARD IN THICKNESS.
4. J6 MATE IS AMP 206800-1
5. TRACES MUST ORIGINATE AT CONVERTER PIN
6. 5 AMP TRACES REQUIRED AT FLTR2 INPUT AND OUTPUT, PREFERED EVERYWHERE.
7. THRU HOLES AT CONVERTER FASTENER LOCATIONS FOR NUT AND GROUNDING.
8. FUSE (5 AMP) NEEDED.

AUTHORIZED by CM when under FORMAL Configuration Control

CHG	ZONE	DESCRIPTION	APP/DATE

REVISIONS

PROJECT CIR

ANALEX

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES

TOLERENCE ON	
.X	+/-
.XX	+/-
.XXX	+/-
FRACTION	+/-
ANGULAR	+/-
SOFTWARE: AUTOCAD 2000	

National Aeronautics and Space Administration
John H. Glenn Research Center
Lewis Field
Cleveland, Ohio
CONTRACT NUMBER: NAS3-99155

APPROVALS			
PROJECT LEAD	ANALEX/N.BOZZOLO		
ELECTRICAL LEAD	ANALEX/S.LAWYER		
ELECTRICAL ENGINEER	ANALEX/M.GARRETT		
CHECKER	X		
DESIGNER	ANALEX/A.JOHNSON		
MAT'L PROC.	X		
CONFIG. MGT	X		

FILE NAME: 67212EESB405.DWG

FDC FEDERAL DATA CORPORATION

DRAWING NAME
FILTER BOARD SCHEMATIC
IPP INTERNAL INTERCONNECTION

NEXT ASSEMBLY
FLUIDS COMBUSTION FACILITY

SIZE	CAGE CODE	DRAWING NUMBER	REV.
E	X	67212EESB405	1

SCALE: NONE | RELEASE DATE 10/19/00 | SHEET 1 OF 1