

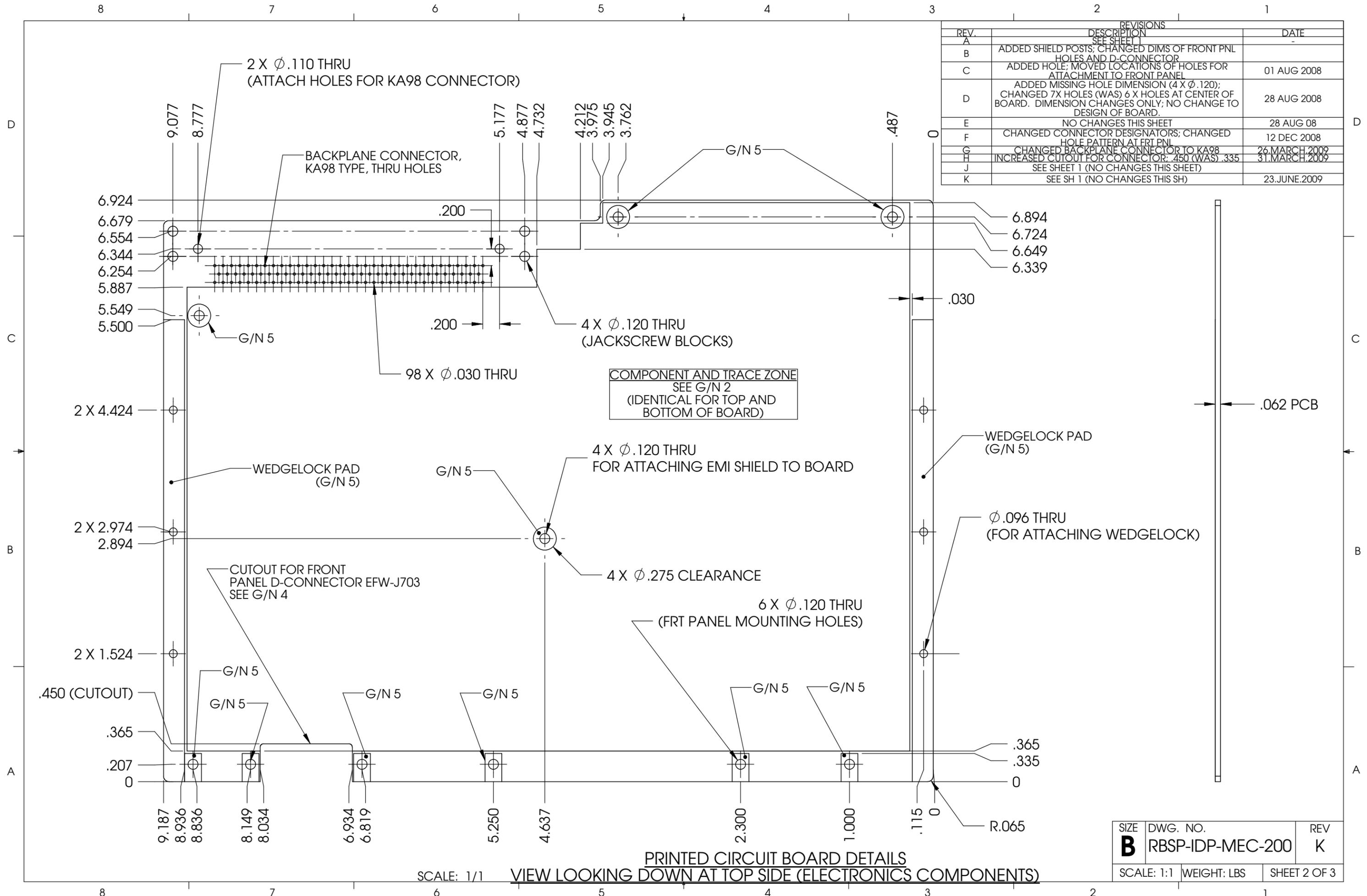
REVISIONS		
REV.	DESCRIPTION	DATE
A	BASELINE RELEASE. (CONNECTOR TYPES AND LOCATIONS TBD AS OF THIS REVISION.)	7/10/2008
B	REVISED G/N 2, 3, & 4	7/30/2008
C	NO CHANGES THIS SHEET	8/1/2008
D	NO CHANGES THIS SHEET	8/28/2008
E	CHANGED '7X POSTS' (WAS) '6X POSTS'	8/28/2008
F	CHANGED G/N 6	12 DEC 2008
G	CHANGED BACKPLANE CONNECTOR TO KA98; CHANGED BOARD SIZE AND GEOMETRY ABOUT BACKPLANE CONNECTOR LOCATION; CHANGED EMI SHIELD	3/26/2009
H	INCREASED CUTOUT FOR CONNECTOR	3/31/2009
J	INCREASED POST HEIGHTS, INCREASED MAX ELECTRICAL COMPONENT HEIGHT: .350 (WAS) .280	6/4/2009
K	CHANGED SMA CONNECTOR DESIGNATORS (J715 THRU J720 WAS J713 THRU J718); CHANGED D CONNECTOR TO DD26 (PICTURE CHANGE ONLY)	6/23/2009

GENERAL NOTES: UNLESS OTHERWISE SPECIFIED

- THIS INTERFACE CONTROL DOCUMENT CONTROLS INTERFACE OF DFB COMPLETED BOARD AND IDPU CHASSIS.
- COMPONENT ENVELOPE DEFINES MAXIMUM ENVELOPE FOR ALL COMPONENTS (ELECTRICAL COMPONENTS AS WELL AS BOARD EMI SHIELDING).
- COMPONENT (TOP) SIDE OF BOARD TO HAVE EMI SHIELDING OVER CIRCUITRY. SHIELD(S) TO BE FASTENED DIRECTLY TO THE BOARD.
- FRONT PANEL CONNECTORS TYPE AND FINAL LOCATION AS SHOWN. ALL CONNECTORS SHALL BE FRONT MOUNTED TO FRONT PANEL. SEE SHEET 3 FOR CONNECTOR SCHEDULE.
- PAD IS PLATED ON BOTH SIDES OF BOARD.
- UCB/SSL TO PROVIDE WEDGELOCKS (AND ATTACHING FASTENERS), EMI SHIELD (AND ATTACHING FASTENERS), KA98 CONNECTOR, BACKOUT SCREWS BLOCKS, AND FRONT PANEL (AND ATTACHING FASTENERS). ALL OTHER COMPONENTS TO BE PROVIDED BY LASP.
- SEE DOCUMENT RBSP_EFW_BPL_001 FOR ELECTRICAL INTERFACE.
- SEE DOCUMENT RBSP_EFW_SYS_008 FOR CONNECTOR CABLING INFO.

INTERFACE CONTROL DOCUMENT

UNLESS OTHERWISE SPECIFIED:		DRAWN: DONAKOWSKI		TITLE: DFB-IDPU MECHANICAL INTERFACE CONTROL DOCUMENT	
DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ±.5° BEND ±2° TWO PLACE DECIMAL ±.030 THREE PLACE DECIMAL ±.005		DATE: 29 MAY 08			
INTERPRET GEOMETRIC TOLERANCING PER ANSI Y14.5-1982		COMMENTS:		SIZE: B	
MATERIAL:				DWG. NO.: RBSP-IDP-MEC-200	REV: K
FINISH:				SCALE: 1:2	WEIGHT:
DO NOT SCALE DRAWING					



REVISIONS		
REV.	DESCRIPTION	DATE
A	ADDED SHIELD POSTS; CHANGED DIMS OF FRONT PNL HOLES AND D-CONNECTOR	
B	ADDED HOLE; MOVED LOCATIONS OF HOLES FOR ATTACHMENT TO FRONT PANEL	01 AUG 2008
C	ADDED MISSING HOLE DIMENSION (4 X Ø .120); CHANGED 7X HOLES (WAS) 6 X HOLES AT CENTER OF BOARD. DIMENSION CHANGES ONLY; NO CHANGE TO DESIGN OF BOARD.	28 AUG 2008
D	NO CHANGES THIS SHEET	28 AUG 08
E	CHANGED CONNECTOR DESIGNATORS; CHANGED HOLE PATTERN AT FRT PNL	12 DEC 2008
F	CHANGED BACKPLANE CONNECTOR TO KA98	26 MARCH 2009
G	INCREASED CUTOUT FOR CONNECTOR: .450 (WAS) .335	31 MARCH 2009
H	SEE SHEET 1 (NO CHANGES THIS SHEET)	
J	SEE SH 1 (NO CHANGES THIS SH)	23 JUNE 2009
K	SEE SH 1 (NO CHANGES THIS SH)	

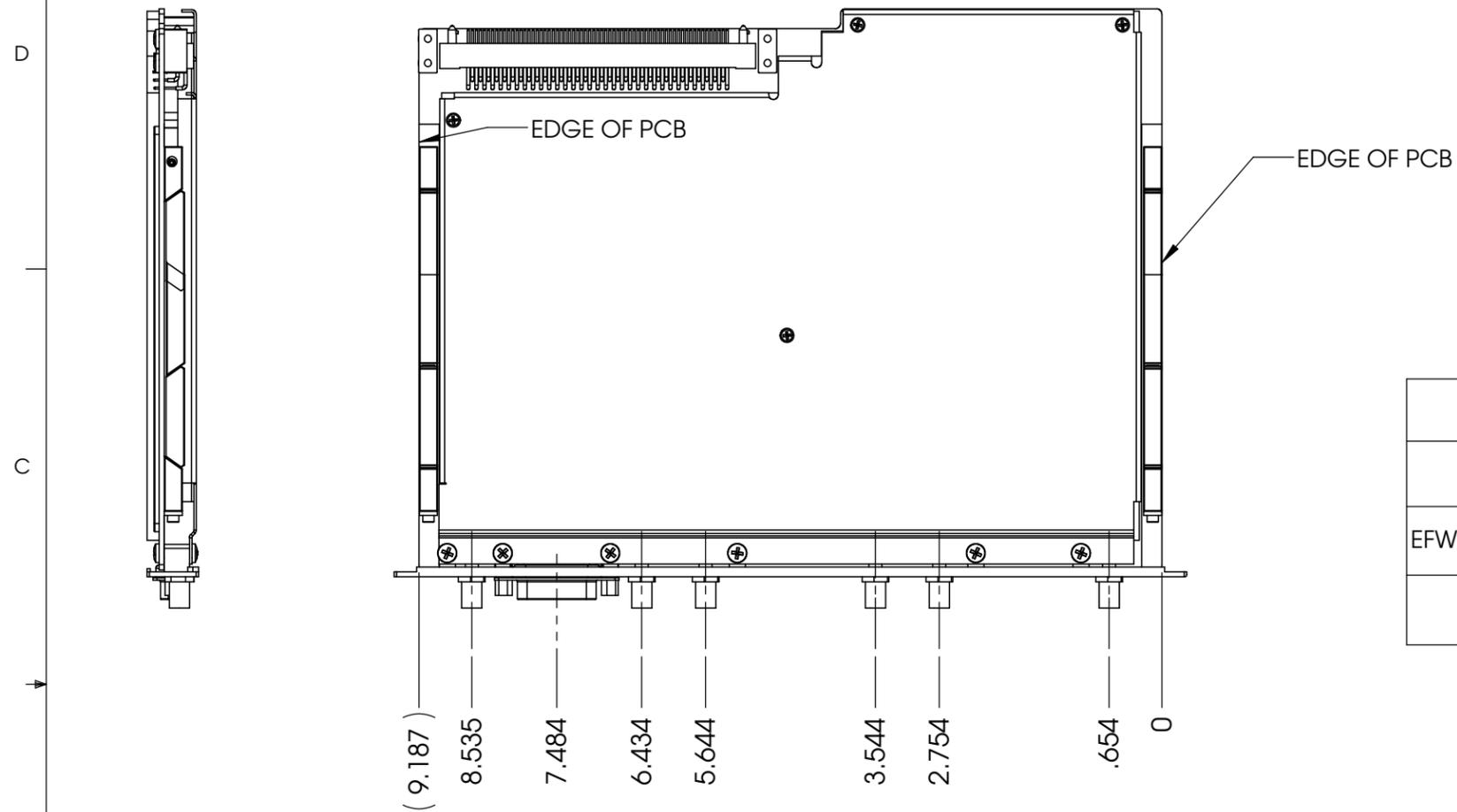
COMPONENT AND TRACE ZONE
SEE G/N 2
(IDENTICAL FOR TOP AND BOTTOM OF BOARD)

SIZE B	DWG. NO. RBSP-IDP-MEC-200	REV K
SCALE: 1:1	WEIGHT: LBS	SHEET 2 OF 3

PRINTED CIRCUIT BOARD DETAILS

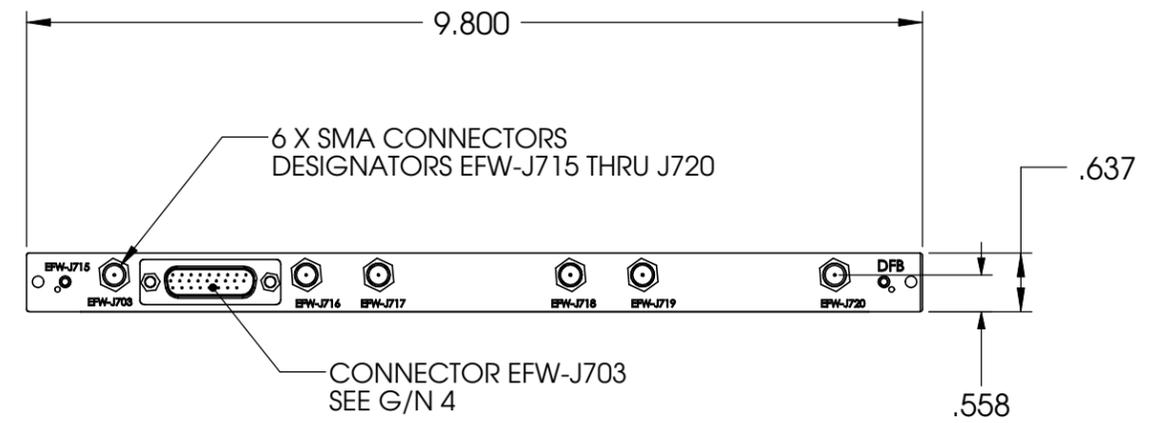
SCALE: 1/1 VIEW LOOKING DOWN AT TOP SIDE (ELECTRONICS COMPONENTS)

REVISIONS		
REV.	DESCRIPTION	DATE
A	SEE SHEET 1	-
B	CHANGED CONNECTOR LOCATIONS; ADDED DETAIL B	31 JULY 2008
C	NO CHANGES THIS SHEET	01 AUG 2008
D	NO CHANGES THIS SHEET	28 AUG 2008
E	NO CHANGES THIS SHEET	28 AUG 08
F	CHANGED HEIGHT OF FRT PNL (.637 WAS .612); CHANGE CONNECTOR DESIGNATIONS	12 DEC 2008
G	CHANGED BACKPLANE CONNECTOR TO KA98	26.MARCH.2009
H	NO CHANGES THIS SHEET	31.MARCH.2009
J	HEIGHT OF SMA CONNECTORS CHANGED, .544 (WAS) 400	04.JUNE.2009
K	CHANGED SMA CONNECTOR DESIGNATORS (J715 THRU J720 WAS J713 THRU J718); CHANGED PICTURE OF D-CONNECTOR TO 26DD; CHANGED NOTE ON SMA TO BE BACK MOUNTED	23.JUNE.2009

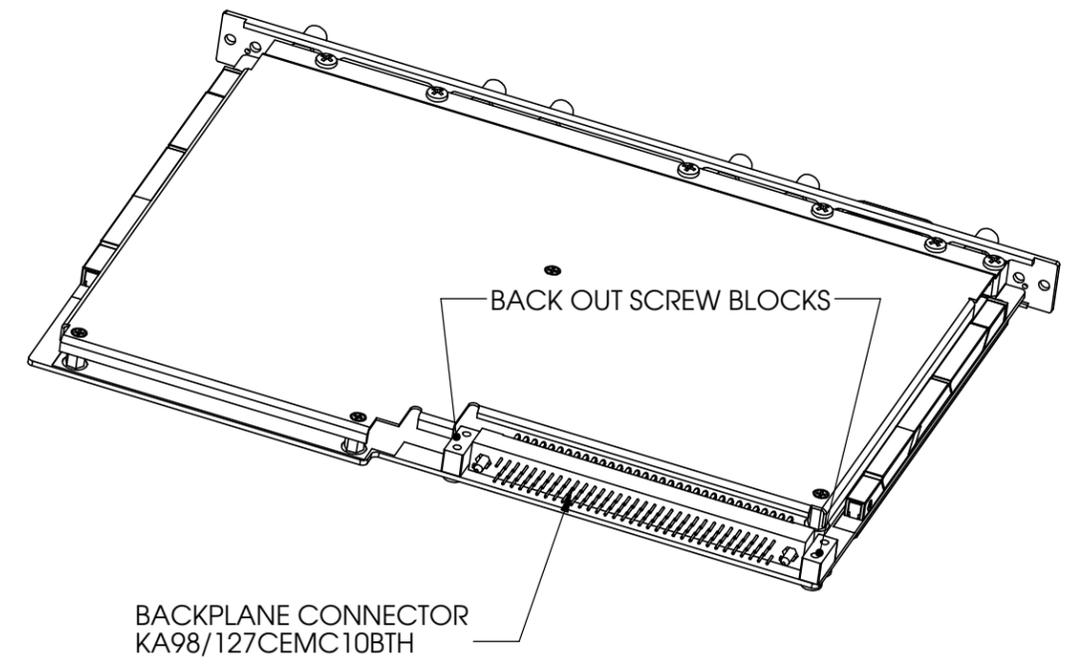


CONNECTOR SCHEDULE

DESIGNATION	TYPE	PART NUMBER	LOCATION	QUAN
BACKPLANE	RT ANGLE	KA98/127CEMC10TBH	BOARD MOUNTED AT BACK OF PCB	1
EFW-J715 TO EFW-J720	SMA		BACK MOUNTED TO FRONT PLATE	6
EFW-J703	DD26M		FRONT MOUNTED TO FRONT PLATE	1



FRONT PANEL DETAIL



SIZE B	DWG. NO. RBSP-IDP-MEC-200	REV K
SCALE: 1:2	WEIGHT:	SHEET 3 OF 3