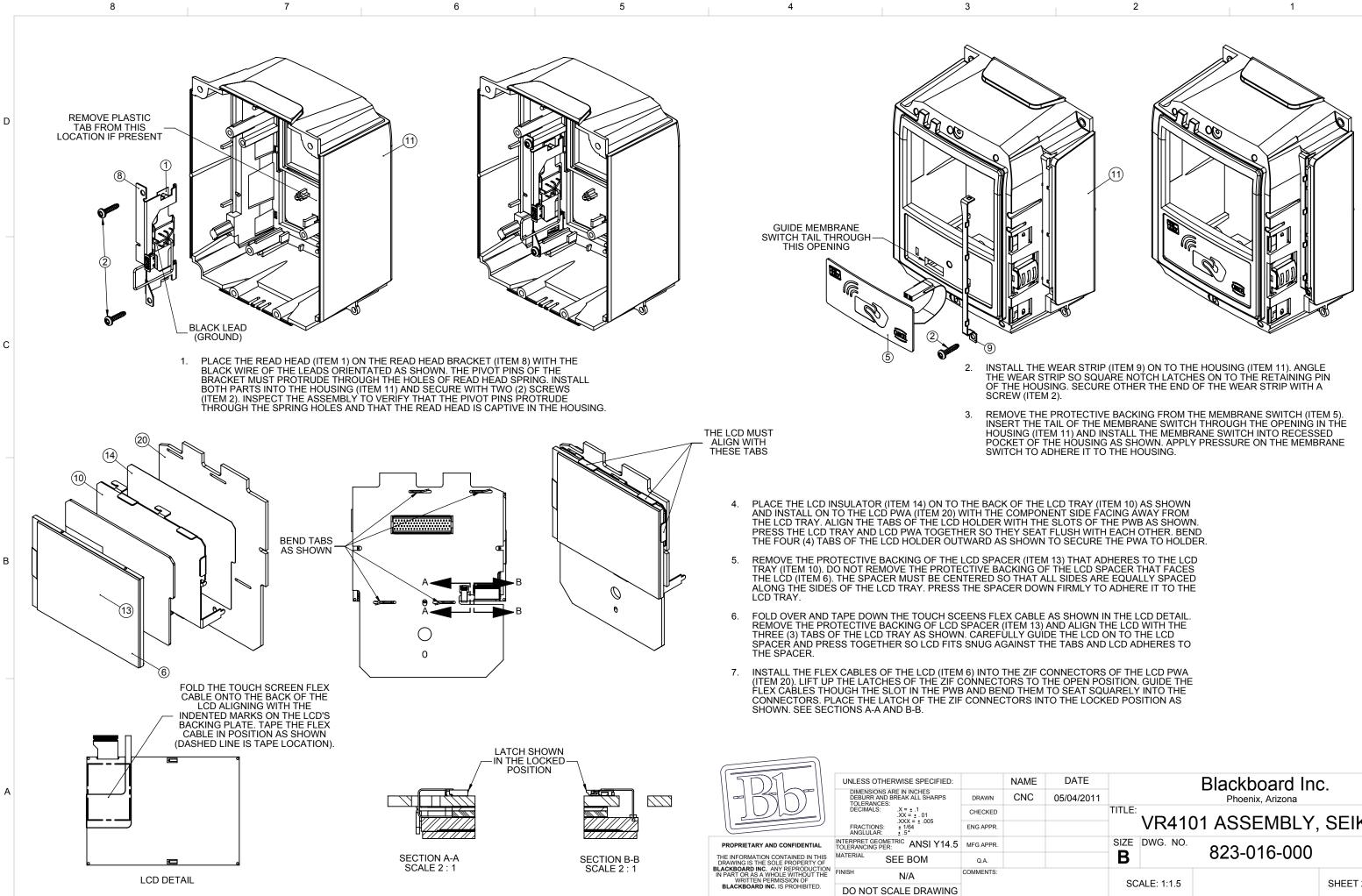
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ITEM NO.	PART NUMBER	DESCRIPTION	QTY.						REVISIONS			
1	044-022-009	3 TRACK INTELLIHEAD	1					RE			DATE	APPROVED
2	044-028-A12	2-28 X 3/8" TORX PANHEAD PLASTITE SCREW	10					A	ECO10012, PRODUCTI	ON RELEASE	06/13/2011	CNC
3	044-028-C32	#4 X 1/2 FLAT HEAD SCREW, PHILLIPS	4									
4	044-030-H01	NYLON SPACER O.D.8mm X 10mm LENGTH	1									
D 5	044-039-153	VR4100 MEMBRANE SWITCH	1									D
6	044-041-046	2.8" QVGA FFS TFT WITH TOUCH SCREEN	1									
7	044-059-074	VR4100 MOUNTING PLATE	1	-								
8	044-059-076	VR4100 READ HEAD BRACKET	1	-								
9	044-059-077	VR4100 WEAR STRIP	1	-								
10	044-059-105	VR4101 LCD BRACKET, SEIKO	1	-						~		
11	044-085-027	VR4100 HOUSING	1	_				(\sim		
12	044-085-028	VR4100 SWIPE COVER	1	-						\sim		
13	044-085-055	VR4101 LCD SPACER, SEIKO	1	_				2 🛛				
14	044-085-056	VR4101 LCD INSULATOR, SEIKO	1	-								
14	044-085-057	VR4101 LCD GASKET, SEIKO	1	-			le l					
15	044-085-057	2 GB uSD MEMORY CARD	1	-			A .		Jan Jan III			
C 17	051-700-229	VR4100 IO PWA	1	-			· Ja Jan					
18	051-700-223	VR4100 PXA310 PWA	1	-		, A						
10	051-700-233	VR4100 DS5250 PWA	1]			19				
20	051-700-250	VR4101 LCD PWA, SEIKO	1	_	,							
В	12 Pan				13						VETRIC VIEW SCALE 1:1	В
A	8	7		6		5	PROPRIETARY AND COMP THE INFORMATION COMPACT THE INFORMATION COMPACT THE INFORMATION COMPACT THE INFORMATION COMPACT THE INFORMATION COMPACT THE INFORMATION COMPACT INFORMATION COMPACT INFOR	DENTIAL INTI DENTIAL TOU ED IN THIS PERTY OF RODUCTION HOUT THE IOF	INLESS OTHERWISE SPECIFIED: NAME DIMENSIONS ARE IN INCHES DEBURR AND BREAK ALL SHARPS TOLERANCES: ± 1:01 XX = ± .01 XX = ± .005 FRACTIONS: ± 1:64 ENG APPR. ERAPRET GEOMETRIC EANSI Y 14.5 MFG APPR. TERIAL SEE BOM SH N/A OO NOT SCALE DRAWING 3	05/04/2011	823-016-	BLY, SEIKO



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DATE	Blackboard Inc.							
05/04/2011		Phoenix, Arizona						
	IIILE:	VR4101 ASSEMBLY, SEIKO						
	SIZE B	DWG. NO.	823-016-000	REV A	'			
	SC	ALE: 1:1.5		SHEET 2 OF 4				
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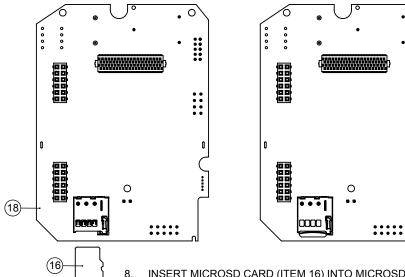
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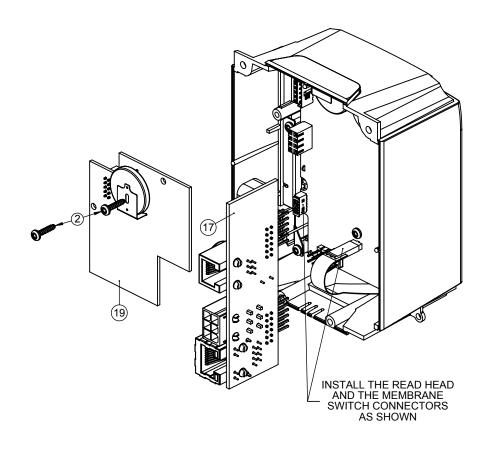


INSERT MICROSD CARD (ITEM 16) INTO MICROSD HOLDER OF THE PXA310 PWA (ITEM 18). THE MICROSD CARD MUST BE INSERTED INTO THE LOCKED POSITION AS SHOWN.

(15) 0 Ś '**~**IT \mathcal{O} 0000000000 0 0+ (4)00000000 9. CROSS SHAPED BOSSES.

(18)

- MATING SLOTS OF THE PXA310 PWA.
- 11.



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- 12. INSTALL THE READ HEAD CONNECTOR ON TO THE CONNECTOR OF THE PXA310 PWA (ITEM 18). ROUTE THE WIRES OF THE READ HEAD THROUGH THE RECTANGULAR SLOT AS SHOWN.
- 13. INSTALL THE MEMBRANE SWITCH CONNECTOR ON TO THE 2-PIN HEADER OF THE PXA310 PWA (ITEM 18).
- 14. INSTALL THE IO PWA (ITEM 17) ON TO THE PXA310 PWA (ITEM 18) AS SHOWN. THE RIGHT-ANGLE HEADERS ON THE IO PWA MATE TO THE BOTTOM ENTRY CONNECTORS (HOLES IN PWB). THE BOARD EDGE OF THE IO PWA SHOULD SEAT FLUSH AGAINST THE PXA310 PWB.
- INSTALL THE DS5250 PWA (ITEM 19) INTO THE HOUSING AS SHOWN. PRESS DOWN ON THE DS5250 PWA TO ENSURE THAT THE 2 X 5 CONNECTOR ENGAGES PROPERLY WITH THE MATING CONNECTOR ON THE PXA310 PWA. SECURE THE DS5250 PWA TO THE HOUSING WITH TWO (2) SCREWS (ITEM 2). 15.



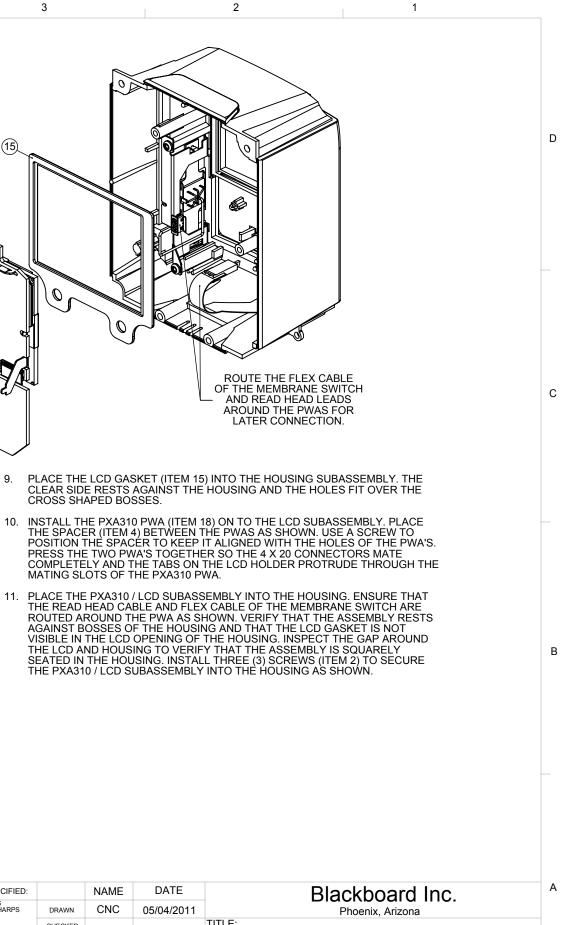
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	UNLESS OTHERWISE SPECIFIED:		NAME	
	DIMENSIONS ARE IN INCHES DEBURR AND BREAK ALL SHARPS TOLERANCES:	DRAWN	CNC	
	DECIMALS: .X = ± .1 .XX = ± .01 .XXX = ± .005	CHECKED		
	FRACTIONS: ± 1/64 ANGLULAR: ± .5°	ENG APPR.		
PROPRIETARY AND CONFIDENTIAL	INTERPRET GEOMETRIC ANSI Y14.5	MFG APPR.		
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF	MATERIAL SEE BOM	Q.A.		
BLACKBOARD INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF	FINISH N/A	COMMENTS:		
BLACKBOARD INC. IS PROHIBITED.	DO NOT SCALE DRAWING			

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	TITLE:	VR410	01 ASSEMBLY,	SEIK	С
	SIZE B	DWG. NO.	823-016-000		REV A
	SC	ALE: 1:1.5		SHEET 3 (OF 4
		2	1		

