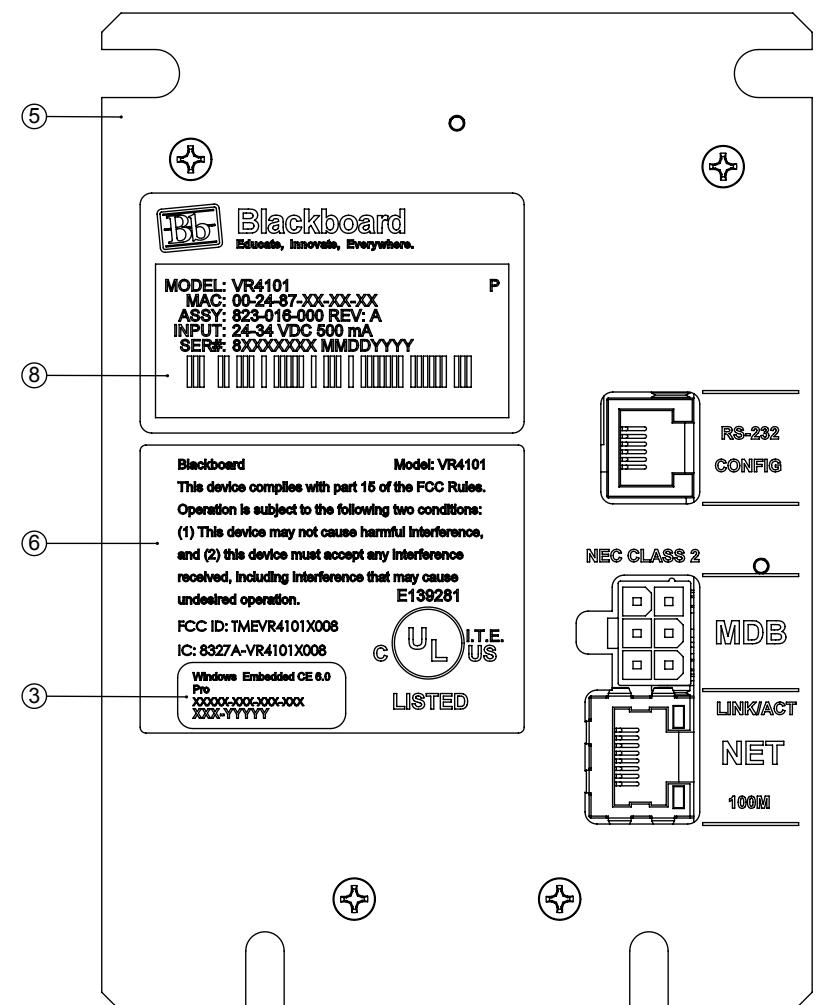
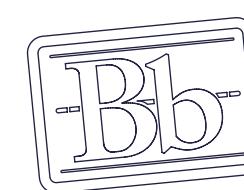
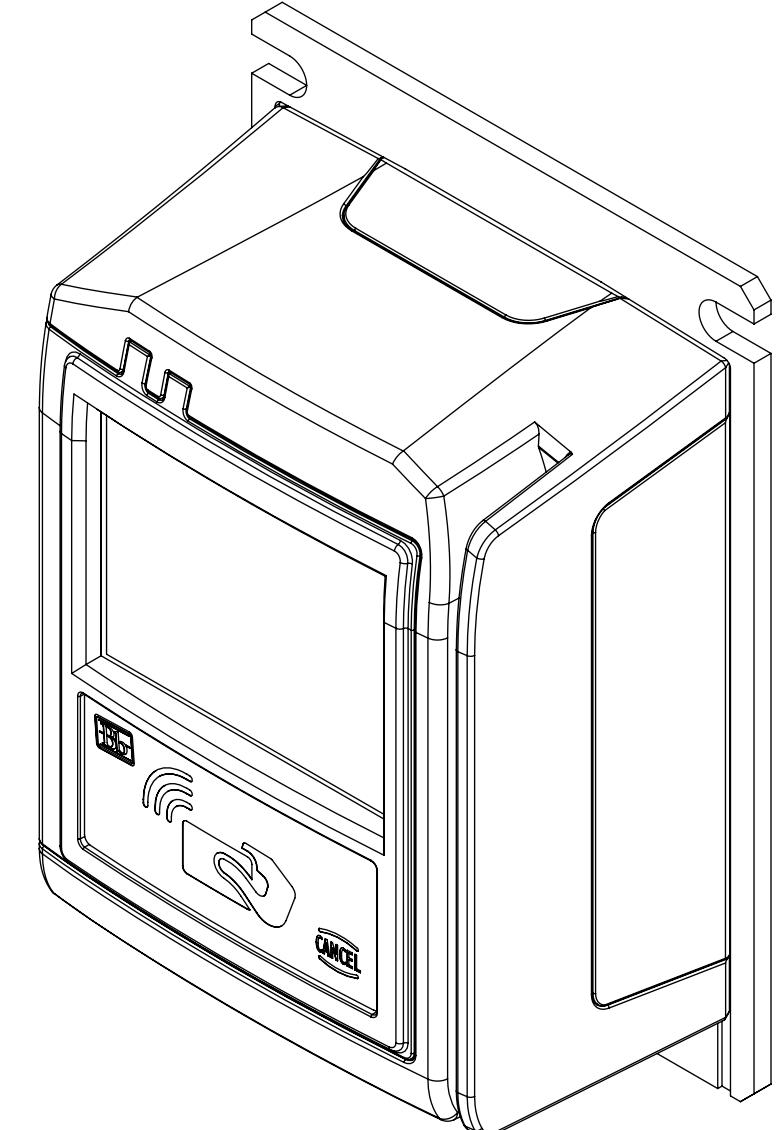


BILL OF MATERIALS				REVISIONS			
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	REV.	DESCRIPTION	DATE	APPROVED
1	044-102-112	DATALIGHT LICENSE	1	D	FOR REFERENCE ONLY		
2	044-102-113	SCHEMABSP RUNTIME LICENSE	1				
3	044-102-114	WINDOWS CE 6.0 CORE LICENSE	1				
4	044-710-027	DOC1151 CLEAR OVERLAY	1				
5	823-016-000	VR4101 ASSEMBLY, SEIKO	1				
6	DOC # 1367	VR4101 COMPLIANCE LABEL	1				
7	DOC1151	2" X 1.25" BLANK BLACKBOARD LABEL	1		SEE SHEET 4		
8	SERIES8SERIAL	SERIES 8 SERIAL NUMBERS	1				



NOTES:

1. REFER TO THE BLACKBOARD PRODUCT PROGRAMMING AND TEST MANUAL (DOC1306) FOR UNIT PROGRAMMING AND TEST INSTRUCTIONS.
2. CREATE A SERIES8SERIAL LABEL WITH SERIAL NUMBER (ITEM 8) AND APPLY IN POSITION SHOWN (SEE SHEET 4).
3. APPLY VR4101 COMPLIANCE LABEL (ITEM 6) AS SHOWN.
4. APPLY WINDOWS CE LABEL (ITEM 3) AS SHOWN.

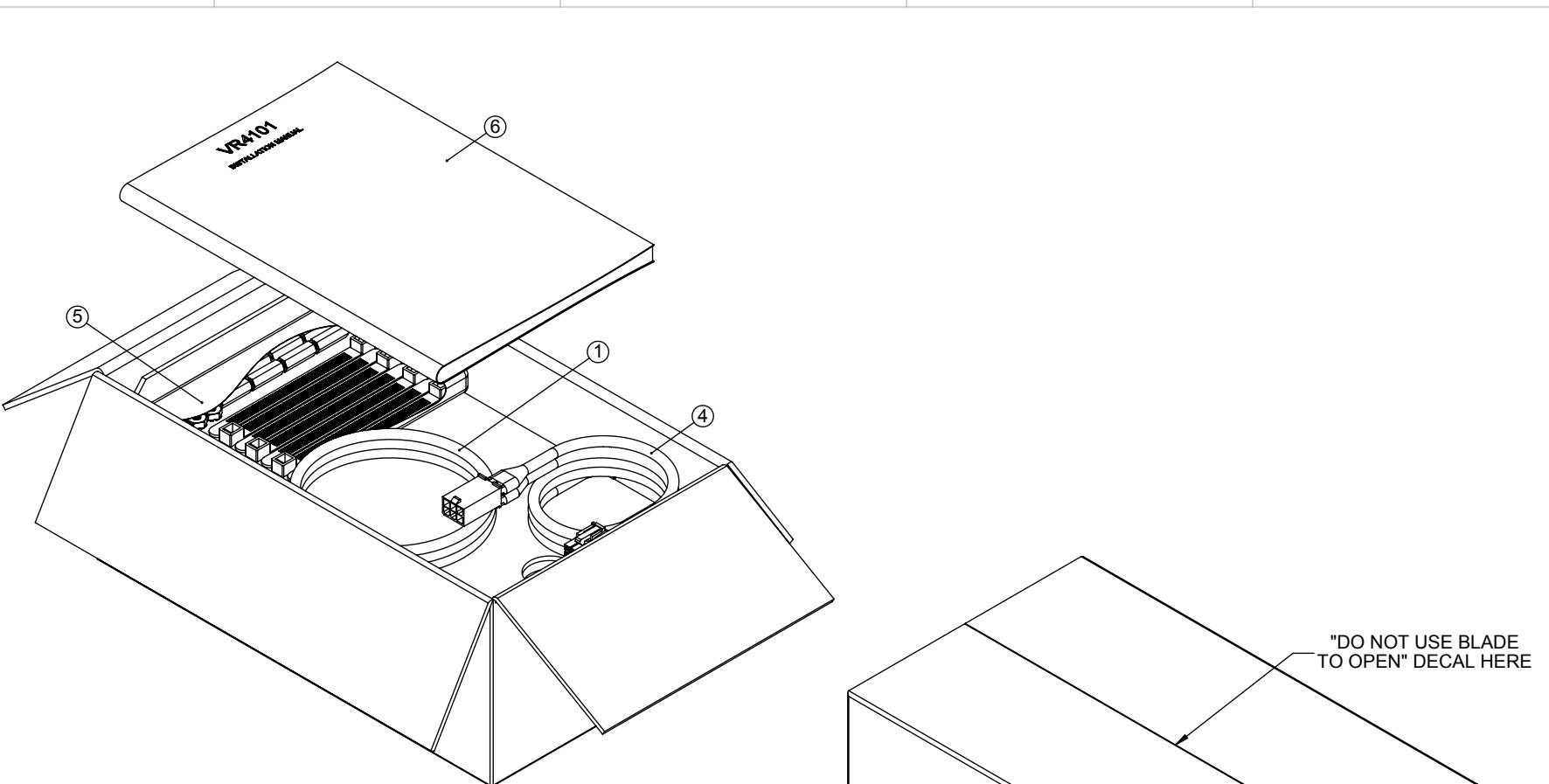
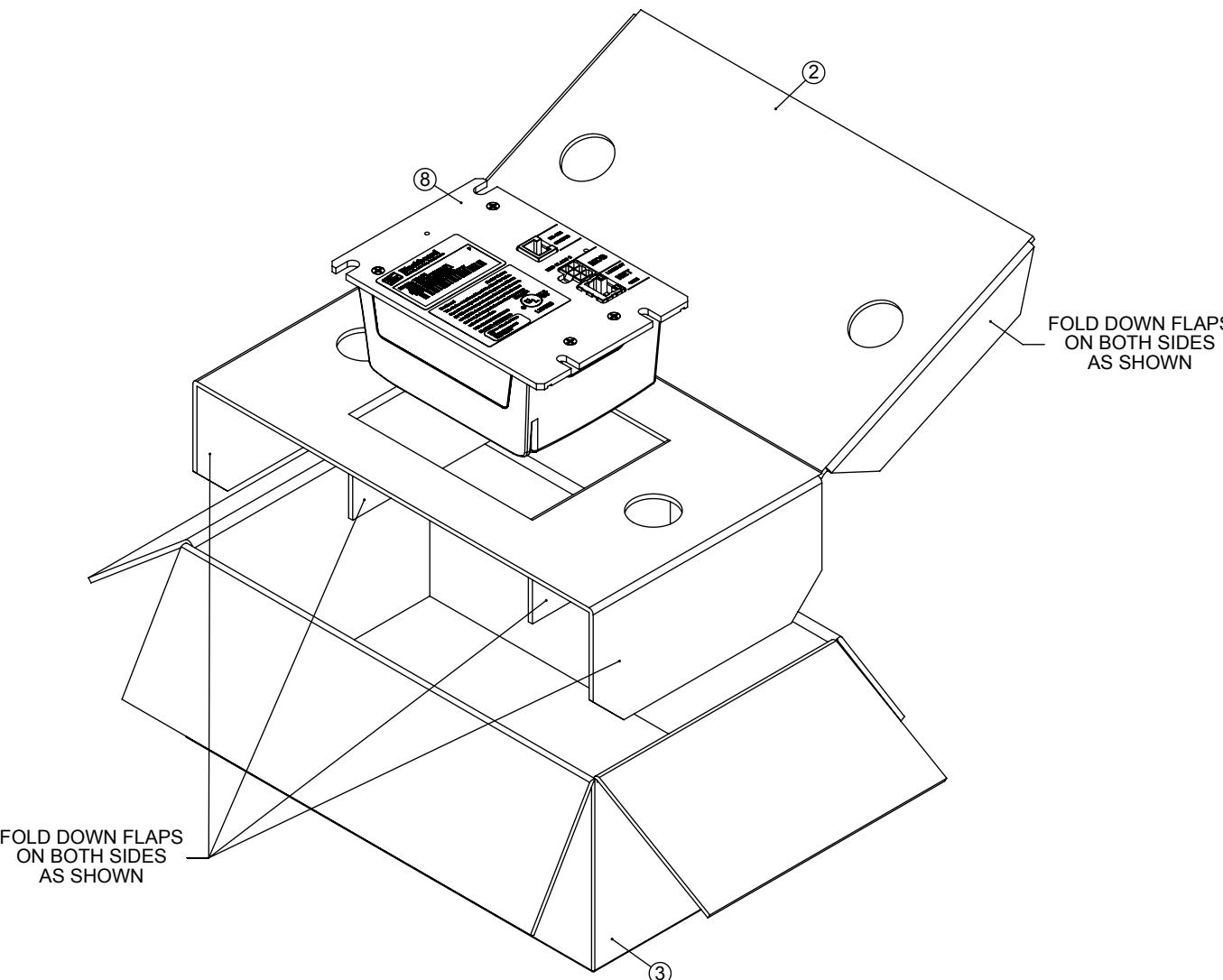


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DIMENSIONS ARE IN INCHES	DEBUR AND BREAK ALL SHARPS	DRAWN	CNC
TOLERANCES:	X = $\pm .1$ XX = $\pm .01$ XXX = $\pm .005$	CHECKED	06/13/2011
DECIMALS:	$\pm 1/64$	ENG APPR.	
FRACTIONS:	$\pm .5^*$	TITLE:	
ANGULAR:		Blackboard Inc. Phoenix, Arizona	
INTERPRET GEOMETRIC TOLERANCING PER:		SIZE	DWG. NO.
ANSI Y14.5		B	VR4101
MATERIAL	N/A	REV	A
FINISH	N/A	COMMENTS:	
DO NOT SCALE DRAWING		SCALE: 1:1	
			SHEET 1 OF 4

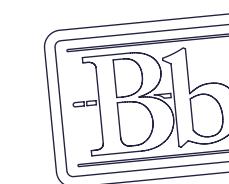
BILL OF MATERIALS			
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	044-042-039	25' CAT5 NETWORK CABLE, BLUE	1
2	044-906-001	VR/MDB2 DIE CUT PACKAGING INSERT 10 X 6 X 4	1
3	044-906-027	BOX, 10 X 6 X 4, WHITE	1
4	055-800-132	POWER / DATA CABLE	1
5	100-070-064	VENDING HARDWARE KIT	1
6	DOC # 1277	VR4100 INSTALLATION MANUAL	1
7	DOC1334	FeliCa LABEL	1
8	VR4101	VR4101 ASSEMBLY	1

FOR REFERENCE  
SEE SHEET 1



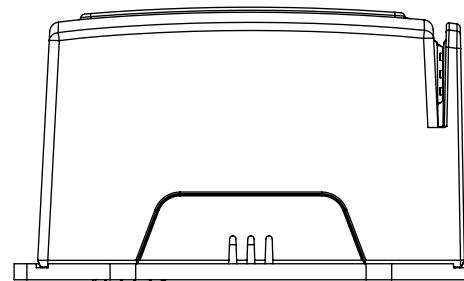
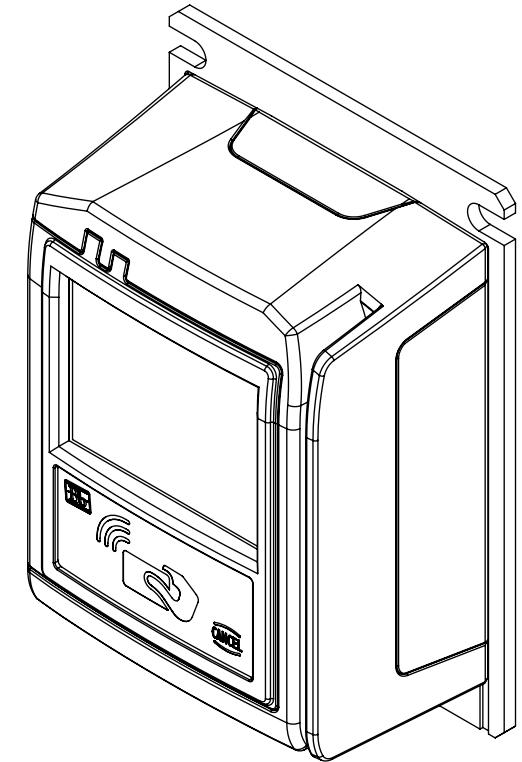
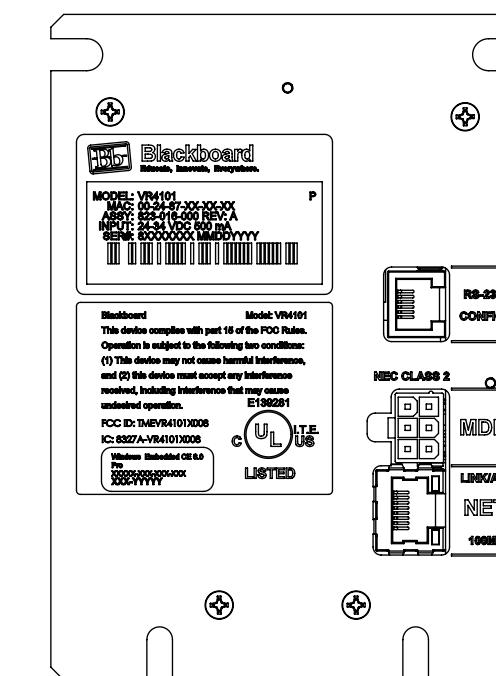
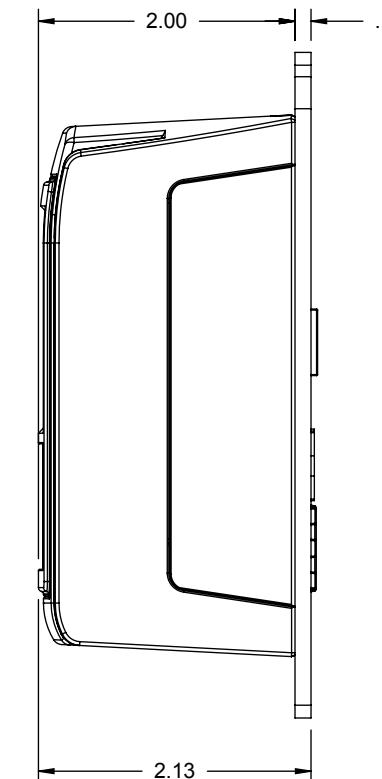
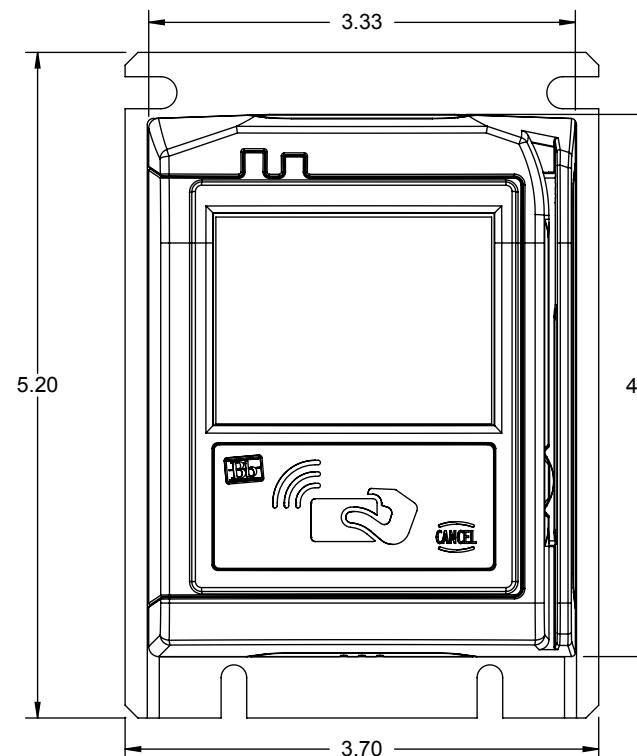
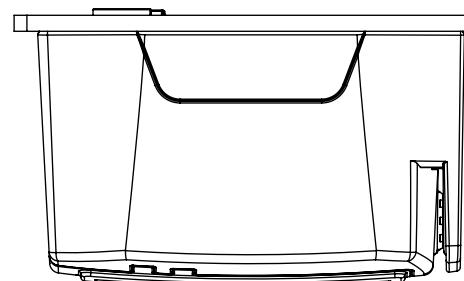
#### VR4101 PACKAGING INSTRUCTIONS

1. USE A 10 X 6 X 4 BOX (ITEM 3) AND 044-906-001 CARDBOARD PACKAGING INSERT (ITEM 2). FOLD FLAPS OF DIE CUT PACKAGING AS SHOWN IN DRAWING. INSERT THE DIE CUT PACKAGING IN THE BOX AS SHOWN.
2. PUT THE 823-016-000 VR4101 COMPLETE (ITEM 8) IN A PLASTIC BAG. THEN PLACE UNIT THRU THE HOLE IN THE CENTER OF THE DIE CUT PACKAGING AS SHOWN.
3. FOLD DOWN TOP OF DIE CUT PACKAGING INSERT. PLACE THE 044-042-039 NETWORK CABLE (ITEM 1), 055-800-132 POWER/DATA CABLE (ITEM 4), 100-070-064 HARDWARE KIT (ITEM 5), AND VR4100 INSTALLATION MANUAL (ITEM 6) ON TOP OF THE DIE CUT PACKAGING.
4. SEAL THE BOX WITH TAPE. APPLY A "DO NOT USE BLADE TO OPEN" STICKER ON THE TOP CENTER OF THE BOX. A STOCK TAG THAT IDENTIFIES THE PRODUCT AND PRODUCTS SERIAL NUMBER IS TO BE APPLIED TO THE PACKAGING.
5. PLACE A FeliCa LABEL (ITEM 7) NEXT TO THE STOCK TAG.



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DIMENSIONS ARE IN INCHES	DEBUR AND BREAK ALL SHARPS	DRAWN	CNC 06/13/2011
TOLERANCES:		CHECKED	
DECIMALS: X = ± .1	XX = ± .01	ENG APPR.	
XX = ± .005		TITLE:	
FRACTIONS: ± 1/64	± .5°	Blackboard Inc. Phoenix, Arizona	
ANGULAR:		VR4101 PACKAGING	
INTERPRET GEOMETRIC TOLERANCING PER: ANSI Y14.5		MFG APPR.	
MATERIAL	N/A	Q.A.	
FINISH	N/A	SIZE DWG. NO.	
COMMENTS:		B	VR4101
DO NOT SCALE DRAWING		SCALE: 1:3	
		SHEET 2 OF 4	



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DEBURS AND BREAK ALL SHARPS  
TOLERANCES:  
DECIMALS: X = ± .1  
XX = ± .01  
XXX = ± .005  
FRACTIONS: ± 1/64  
ANGULAR: ± .5°  
INTERPRET GEOMETRIC  
TOLERANCING PER: ANSI Y14.5  
MATERIAL N/A  
FINISH N/A  
DO NOT SCALE DRAWING

NAME DATE  
DRAWN CNC 06/13/2011  
CHECKED  
ENG APPR.

TITLE:

Blackboard Inc.  
Phoenix, Arizona

VR4101 PACKAGING

REV A

SIZE DWG. NO.  
B VR4101

SCALE: 1:1.5

SHEET 3 OF 4

1. **LABEL MATERIAL:** DOC1151

2. **LABEL INFORMATION:**

**MODEL:** VR4101

**MANUFACTURE CODE:** P  
DITRON = D, PRIDE INDUSTRIES = P

**MAC ADDRESS:** 00-24-87-XX-XX-XX  
SEE SERIAL NUMBER ON HOW TO CREATE THE MAC ADDRESS.

**ASSEMBLY NUMBER:** 823-016-000

**REVISION:** A  
CURRENT REVISION OF THE ASSEMBLY IN LETTER FORMAT.

**INPUT:** 24-34 VDC 500 mA

**SERIAL NUMBER:** 8XXXXXXX

THE 8 DIGIT SERIAL NUMBER IS CREATED FROM THE BELOW

RANGE IN SEQUENTIAL ORDER.

STARTING SERIAL NUMBER: 80000000

ENDING SERIAL NUMBER: 89999999

TO GENERATE THE MAC ADDRESS FOLLOW THE BELOW  
INSTRUCTIONS.

STATIC MAC PREFIX: 00-24-87

STARTING MAC ADDRESS: 00-24-87-00-00-00

ENDING MAC ADDRESS: 00-24-87-98-96-7F

SERIAL NUMBER TO MAC CONVERSION:

EXAMPLE SERIAL NUMBER, SN: 89999194

ENSURE THE SERIAL NUMBER IS 8 DIGITS LONG AND BEGINS  
WITH 8. SUBTRACT 80,000,000 FROM THE SERIAL NUMBER. IN  
THIS EXAMPLE THE RESULT WILL BE 9999194. CONVERT THE  
RESULT INTO HEX: 9999194 EQUALS HEX: 98935A. APPLY THE  
STATIC MAC PREFIX, 00-24-87, AND THE RESULTING MAC  
ADDRESS IS MAC: 00-24-87-98-93-5A.

**DATE CODE:** MMDDYYYY

THE DATE CODE IS THE DATE OF MANUFACTURE  
IN MMDDYYYY FORMAT, WHERE MM IS THE 2 DIGIT MONTH, DD  
IS THE 2 DIGIT DAY AND YYYY IS THE 4 DIGIT YEAR.

**BARCODE:** SYMBOLIC TYPE, CODE 3 OF 9.

INFORMATION CONTAINED IN THE BARCODE IS THE SERIAL  
NUMBER.

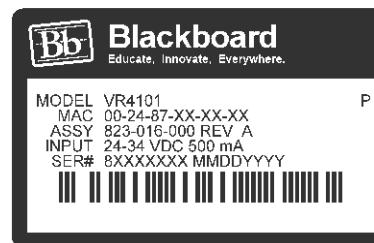
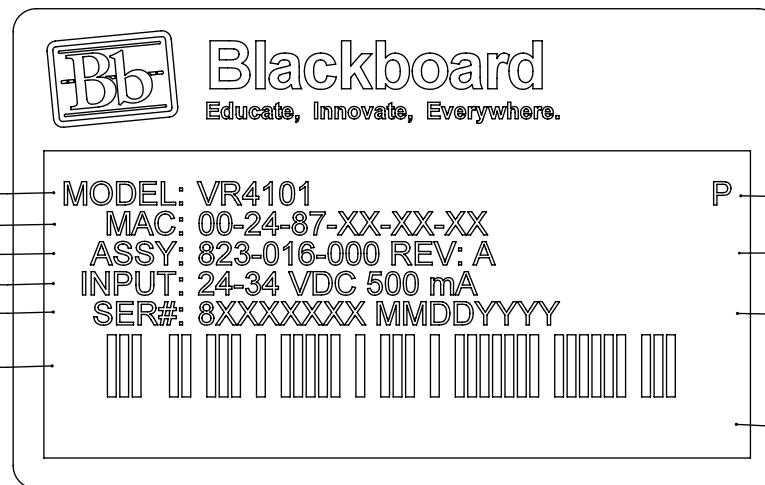
**ADDITIONAL INFORMATION:** N/A

3. AFTER PRINTING THE ABOVE INFORMATION APPLY A CLEAR  
OVERLAY (044-710-027) TO THE LABEL.



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FINISHED LABEL EXAMPLE  
SCALE: 1:1

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DIMENSIONS ARE IN INCHES DEBURN AND BREAK ALL SHARPS TOLERANCES: DECIMALS: $\pm .1$ $\pm .01$ $\pm .005$	CHECKED			TITLE: VR4101 PACKAGING		
FRACTIONS: $\pm 1/64$ ANGLULAR: $\pm 5^\circ$	ENG APPR.					
INTERPRET GEOMETRIC TOLERANCING PER: ANSI Y14.5	MFG APPR.			SIZE	DWG. NO.	
MATERIAL N/A	Q.A.			A	VR4101	REV A
FINISH N/A	COMMENTS:			SCALE: 2:1		
DO NOT SCALE DRAWING						SHEET 4 OF 4