REVISION K			TABLE 2			D & DIMENSIONED	BDRA-XXXXX-XX	X-XX-XXXX
		OMPONENT	PART NUMBER	QUANTITY	IN MILI	IMETERS[INCHES]		
DO NOT SCALE FROM THIS PRINT		HEADER LE ASSEMBLY EM DELETED	BDR-J-24 BE23S-XXXXX-XX-02-XXXX (SEE TABLE 4 & 5, SHEET 2)	1 12	<u>ENI</u> -SC -92: -97:	<u>) 2 CONNECTOR</u> C3: PRB3-P-C-XX-ST-CS3(S J: 292XX-J-C-XX-ST-CS3 ( SP: 292XX-P-C-XX-ST-CS3 (	SEE SHEET 3) SEE SHEET 3)	OVERALL CABLE LENGTH (MILLIMETERS) 0100-9999 [3.9 - 393.7] (SEE NOTE 9 & 10)
	4 POS 5 E	SITION LABEL ESD BAG 1 ESD BAG 2 TOOL	HDRL-16 BAG-SS-09X12 BAG-SS-04X06-Z CAT-EX-SCC-03	24 1 1 1	<u>END 2 I</u> 1: GOL P: HEA'	PLATING OPTION D ALL COMPONENTS VY GOLD / PASSIVATED S EET 2 FOR PLATING SPEC	TAINLESS STEEL	PHASE MATCHED PAIRS -12 (SEE SHEET 2, TABLE 3)
	=		(SEE T	LENGTH: X) [ABLE 1 FOR T				PHASE MATCHING SPEC (RANGE) -02: 2.0 PICO-SECOND -05: 5.0 PICO-SECONDS -10: 10.0 PICO-SECONDS
\$\phi_{1.28[.050]} \bigsquare \frac{1}{\phi_{REF}}\$\$\$ \$\phi_{4.80[.189]} \bigsquare \frac{1}{\phi_{REF}}\$	B01   B12   B12		②(SEE NO	OTE 2)				4.00[.157] A01  4.00[.157] A9.79[1.960]  REF  B12  CABLE ASSEMBLIES NOT
14.00[.551] RE 9.5±0.6[.38±.02] (LABEL CUT LENGT		<b>-</b>						SHOWN FOR CLARITY
NOTES:	,	BDRA-9	<u>FIG 1</u> 2SP-XX-XX-XXXX SHOWN	(3	(SEE NOTE 7)(4)	XXX XXX XXX	25 40+10	THIS PRODUCT MANUFACTURED WITH LEAD-FREE PROCESSING
1. © REPRESENTS A CRITICAL DIMENSION. 2. USE DRAWING No. BE23S-XXXXX-XXXX FOR CABLE ASSEMBLY INSTRUCTIONS. 3. PARTS TO BE PROCESSED PER SAMTEC WORKMANSHIP GUIDELINES. © 4. ALL ASSEMBLIES TO BE 100% ELECTRICALLY TESTED. © 5. ALL ASSEMBLIES TO BE 100% HI-POT TESTED AT 300V. 6. FOR SUB-ASSEMBLY AND FINISHED GOOD PACKAGING REQUIREMENTS, REFERENCE SAMTEC PACKAGING STANDARD, LOCK WASHERS AND NUTS TO BE SHIPPED UNASSEMBLED. 7. PRINT CABLE POSITION (3 LINES FOR POSITION) AND APPLY TO CABLES (TAG STYLE) AS SHOWN. 8. SEE SHEET 2, TABLE 2 FOR PHASE MATCHING REQUIREMENTS. 9. CABLE STOCKED IN INCHES, 1 INCH = 25.4 MILLIMETERS. 10. CABLE LENGTHS LONGER THAN 1000 MILLIMETERS ARE NOT SUPPORTED BY S.I. TEST DATA.							520 PARK EAST BLVD, NEW ALBANY, IN 47150 PHONE: 812-944-6733 FAX: 812-948-5047 e-Mail info@SAMTEC.com code 55322  DESCRIPTION: BULLSEYE DOUBLE ROW, 24 POSITION, ASSEMBLY	
			c:\enterprisevault\DWG\MISC\MKTC	G\BDRA-XXXXX-XX-X	xx-xxxx-mkt.slddrw			BY: EMMA CHEN 3/14/2014 SHEET 1 OF 5

# REVISION K

TABLE 5					
BDRA-XXXXX-XX-12-XXXX ■	BE23S-XXXXX-XX-02-XXXX ■				
BDRA-XXXXX-02-12-XXXX	BE23S-XXXXX-02-02-XXXX				
BDRA-XXXXX-05-12-XXXX	BE23S-XXXXX-05-02-XXXX				
BDRA-XXXXX-10-12-XXXX	BE23S-XXXXX-10-02-XXXX				

■ BE23S' OVERALL CABLE LENGTH OPTION IS SAME AS BDRA'S

TABLE 4				
BDRA-XXXXX-XX-12-XXXX ■	BE23S-XXXXX-XX-02-XXXX ■			
BDRA-SCC31-XX-12-XXXX	BE23S-SCC31-XX-02-XXXX			
BDRA-92SJP-XX-12-XXXX	BE23S-92SJP-XX-02-XXXX			
BDRA-92SPP-XX-12-XXXX	BE23S-92SPP-XX-02-XXXX			

■ BE23S' OVERALL CABLE LENGTH OPTION IS SAME AS BDRA'S

TABLE 1: FINAL ASSEMBLY LENGTH TOLERANCE			
LENGTH	TOLERANCE		
0100-0200 [3.92-7.87]	+3.0 [.12]/-0.0 [.00]		
0200-0500 [7.87-19.69]	+5.0 [.20]/-0.0 [.00]		
0500-1100 [19.69-43.30]	+10.0 [.40]/-0.0 [.00]		

TABLE 3 - PHASE MATCHED PAIRS						
POSITION	POSITION	PAIR NO.				
A01	B01	1				
A02	B02	2				
A03	B03	3				
A04	B04	4				
A05	B05	5				
A06	B06	6				
A07	B07	7				
A08	B08	8				
A09	B09	9				
A10	B10	10				
A11	B11	11				
A12	B12	12				

CAUTION: EACH PAIR OF CABLES TO BE PHASE MATCHED PER CALLOUT. IF REWORKED, THE ENTIRE PAIR MUST BE REPLACED.

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DESCRIPTION:

BULLSEYE DOUBLE ROW, 24 POSITION, ASSEMBLY

BDRA-XXXXX-XX-XX-XXX

BY: EMMA CHEN 3/14/2014 SHEET 2 OF 5

REVISION K

(ROUND TIP/STD. FERRULE)

(USE DRAWING No. PRB3-P-C-XX-ST-CS3 FOR ASSEMBLY INSTRUCTIONS)



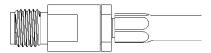
**PLATING** 

1: 30µ" MIN. GOLD CENTER CONTACT 3µ" MIN. GOLD OUTER CONTACT 3µ" MIN. GOLD REMAINING METAL PARTS (END CONNECTOR P/N: PRB3-P-C-HF-ST-CS3)

NOTE: ALL CRITICAL DIMENSIONS ON PRB3-P-C-XX-ST-CS3 THAT APPLY MUST BE VERIFIED.

(STRAIGHT JACK)

(USE DRAWING No. 292XX-J-C-XX-ST-CS3 FOR ASSEMBLY INSTRUCTIONS)



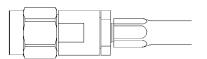
PLATING OPTIONS

P: 30µ" MIN. GOLD CENTER CONTACT PASSIVATED STAINLESS STEEL OUTER CONTACT 3µ" MIN. GOLD REMAINING METAL PARTS (END CONNECTOR P/N: 292PS-J-C-HP-ST-CS3)

NOTE: ALL CRITICAL DIMENSIONS ON 292XX-J-C-XX-ST-CS3 THAT APPLY MUST BE VERIFIED.

-92SP (STRAIGHT PLUG)

(USE DRAWING No. 292XX-P-C-XX-ST-CS3 FOR ASSEMBLY INSTRUCTIONS)



PLATING OPTIONS

P: 30µ" MIN. GOLD CENTER CONTACT PASSIVATED STAINLESS STEEL OUTER CONTACT 3µ" MIN. GOLD REMAINING METAL PARTS (END CONNECTOR P/N: 292PS-P-C-HP-ST-CS3)

NOTE: ALL CRITICAL DIMENSIONS ON 292XX-P-C-XX-ST-CS3 THAT APPLY MUST BE VERIFIED.

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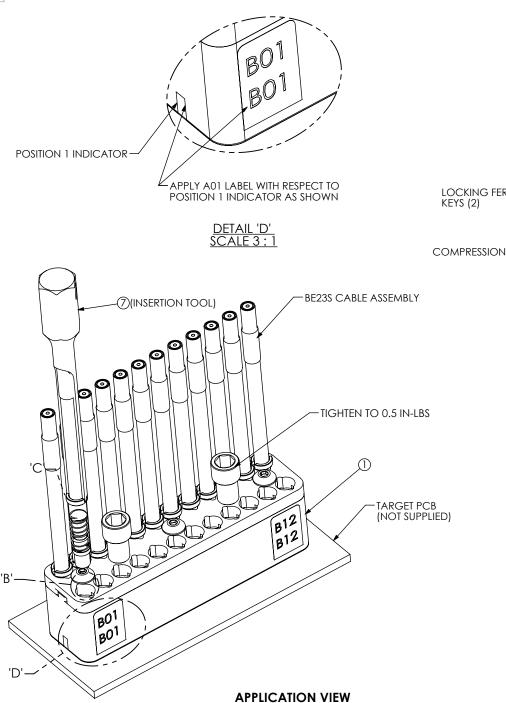


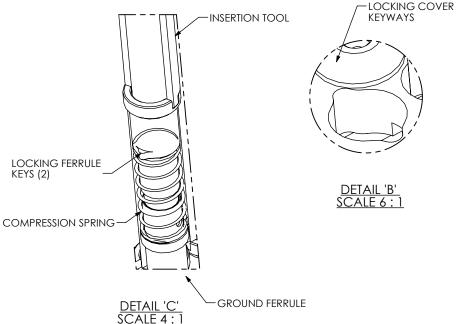
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BULLSEYE DOUBLE ROW, 24 POSITION, ASSEMBLY

BDRA-XXXXX-XX-XX-XXXX BY: EMMA CHEN 3/14/2014 SHEET 3 OF 5

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### CABLE INSTALLATION PROCEDURE:

INSURE LOCKING FERRULE KEYS (SEE DETAIL 'C') ALIGN WITH KEYWAY FEATURES IN THE CONNECTOR BODY (SEE DETAIL 'B'). PUSH DOWN ON THE LOCKING FERRULE (WITH MINIMAL FORCE) USING THE INSERTION TOOL. TWIST THE INSERTION TOOL CLOCKWISE (IT SHOULD TURN FREELY)

LOCK CHAMBER, LOCATED INSIDE THE CONNECTOR BODY, BY WAY OF THE COMPRESSION SPRING. REPEAT THIS PROCESS WITH REMAINING CABLE ASSEMBLIES.

### REVERSE ABOVE PROCEDURE TO DISASSEMBLE.

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SHEET SCALE: 3:2



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DESCRIPTION:

description: BULLSEYE DOUBLE ROW, 24 POSITION, ASSEMBLY

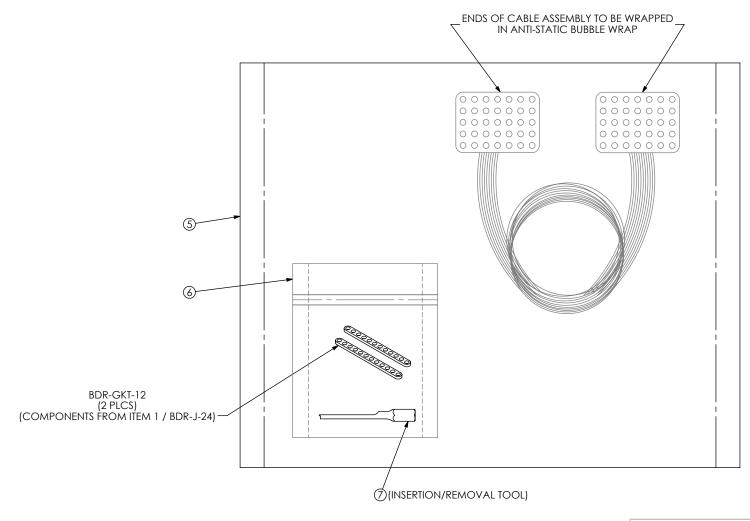
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BY: EMMA CHEN 3/14/2014 SHEET 4 OF 5

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## **PACKAGING VIEW**



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SHEET SCALE: 2:1



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DESCRIPTION:

BULLSEYE DOUBLE ROW, 24 POSITION, ASSEMBLY

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