REVISION K			TABLE 2		DESIGNI	ED & DIMENSIONED	BDRA-XXXXX-XX	-XX-XXXX
KETIOIOTTIK	ITEM	COMPONENT	PART NUMBER	QUANTITY	IN MIL	LIMETERS[INCHES]		
DO NOT SCALE FROM THIS PRINT	2	HEADER CABLE ASSEMBLY ITEM DELETED	BDR-J-24 BE23S-XXXXX-XX-02-XXXX (SEE TABLE 4 & 5, SHEET 2)	12	<u>ENI</u> -SC -92	<u>D 2 CONNECTOR</u> :C3: PRB3-P-C-XX-ST-C\$3(\$I \$J: 292XX-J-C-XX-ST-C\$3 (\$ \$P: 292XX-P-C-XX-ST-C\$3 (\$	EE SHEET 3) EE SHEET 3) SEE SHEET 3)	OVERALL CABLE LENGTH (MILLIMETERS) 0100-9999 [3.9 - 393.7] (SEE NOTE 9 & 10)
	4 5 6 7	POSITION 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	1: GOL P: HEA	PLATING OPTION D ALL COMPONENTS VY GOLD / PASSIVATED ST IEET 2 FOR PLATING SPECIF		PHASE MATCHED PAIRS -12 (SEE SHEET 2, TABLE 3)
	-		(SEE T.	LENGTH: XX ABLE 1 FOR TO				PHASE MATCHING SPEC (RANGE) -02: 2.0 PICO-SECOND -05: 5.0 PICO-SECONDS -10: 10.0 PICO-SECONDS
Ø1.28[.050]		B01 B12 B12	②(SEE NO	OTE 2)				4.00[.157] A01 A01 A9.79[1.960] REF (TYP) A12 CABLE ASSEMBLIES NOT
14.00[.551] RE 9.5±0.6[.38±.02] (LABEL CUT LENGT		-						SHOWN FOR CLARITY
NOTES:			FIG 1 2SP-XX-XX-XXXX SHOWN	(SI	EE NOTE 7)(4)	XXX XXX XXX	25.40±10	THIS PRODUCT MANUFACTURED WITH LEAD-FREE PROCESSING .00[1.000±.394]
2. ŪŠE DR. 3. PARTS 1	RAWING TO BE P SEMBLIE SEMBLIE JB-ASSE C PACE CABLE F EET 2, TA STOCK	PROCESSED PER SAMT ES TO BE 100% ELECTR ES TO BE 100% HI-POT MBLY AND FINISHED ((AGING STANDARD, I POSITION (3 LINES FOR ABLE 2 FOR PHASE MA ED IN INCHES, 1 INCH	-XX-XXXX FOR CABLE ASSEMBLY I EC WORKMANSHIP GUIDELINES. ICALLY TESTED. TESTED AT 300V. GOOD PACKAGING REQUIREMEN OCK WASHERS AND NUTS TO BE POSITION) AND APPLY TO CABL TCHING REQUIREMENTS.	NTS, REFERENC SHIPPED UNAS ES (TAG STYLE)	CE SSEMBLED.) AS SHOWN.	UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS. TOLERANCES ARE: DECIMALS ANGLES .X: ±.3[.01] 5 ° .XX: ±.3[.005] .XXX: ±.051[.0020] DO NOT SCAL	PROPRIETARY INFORMATION AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS AND SALES RIGHTS ARE EXPRESSLY RESERVED BY SAMTEC, INC. THIS DOCUMENT SHALL NOT BE DISCLOSED, IN WHOLE OR PART, TO ANY UNAUTHORIZED PESSON OR ENTITY NOR REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY OTHER PROJECT IN ANY MANNERS WITHOUT THE EXPRESS WRITTEN COMSENT OF SAMTEC, INC.	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 DWG. NO.
			c:\enterprisevault\DWG\MI\$C\MKTG	S\BDRA-XXXXX-XX-XX	(-xxxx-mkt.slddrw			BDRA-XXXXX-XX-XXXXX 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

<u>-SCC3</u> (ROUND TIP/STD. FERRULE)

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



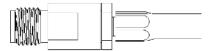
PLATING

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.

-92SJ (STRAIGHT JACK)

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



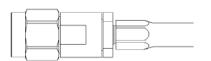
PLATING OPTIONS

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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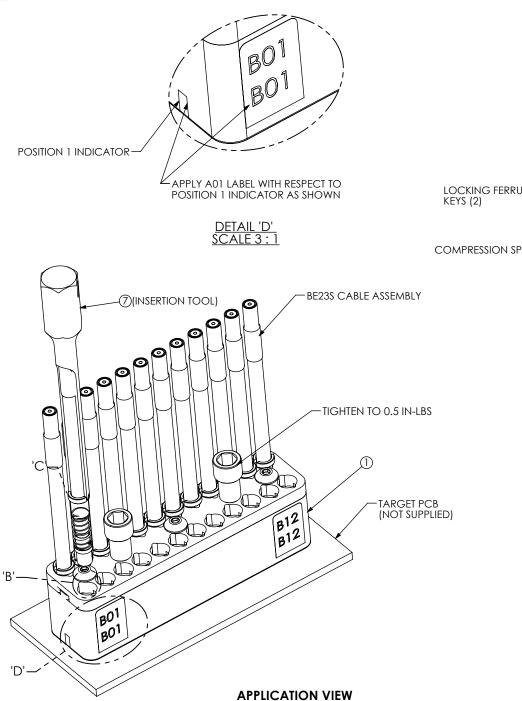
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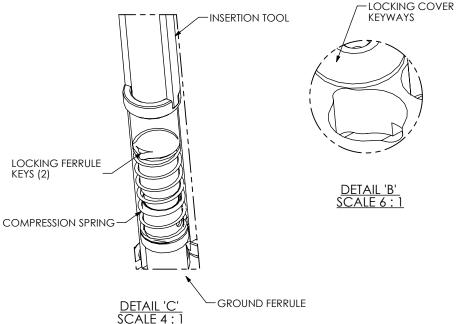
DESCRIPTION:

BULLSEYE DOUBLE ROW, 24 POSITION, ASSEMBLY

BDRA-XXXXX-XX-XX-XXX

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





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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SESCRIPTION:

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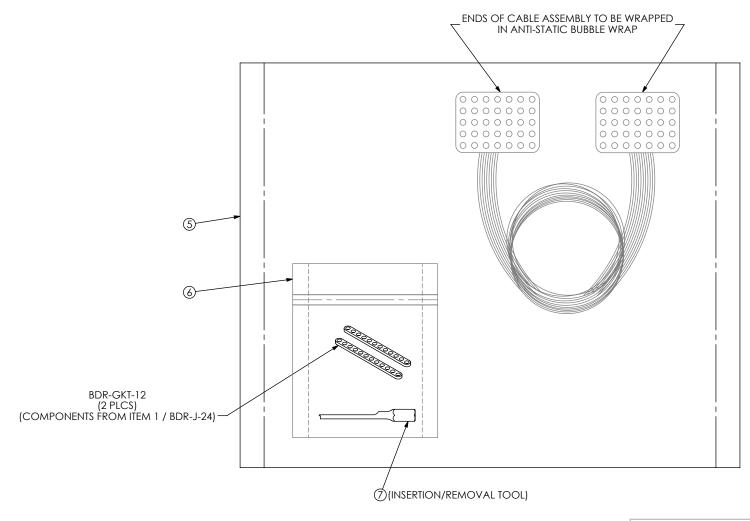
/G NO

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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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