

REVISION B

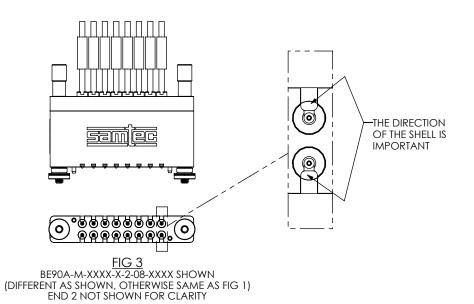
TABLE 2										
END OPTION	SERIES	GENDER	FINISH			CONNECTOR KIT DAN	FIGURE			
			CENTER CONTACT	OUTER CONTACT	CABLE BODY	CONNECTOR KIT P/N	FIGURE			
-10BJ	1.00 MM	JACK	50μ" GOLD	PASSIVATED	PASSIVATED	PRF10-J-C-VP-047A-BS	SHT 3, FIG 4			
-10SP	1.00 MM	PLUG	50μ" GOLD	PASSIVATED	PASSIVATED	PRF10-P-C-VP-047A-SS	SHT 3, FIG 5			
*-13BJ	1.35 MM	JACK	50μ" GOLD	PASSIVATED	PASSIVATED	PRF13-J-C-VP-047A-BS	SHT 3, FIG 6			
*-13SP	1.35 MM	PLUG	50μ" GOLD	PASSIVATED	PASSIVATED	PRF13-P-C-VP-047A-SS	SHT 3, FIG 7			
* = NOT RELEASED										

TABLE 4								
No OF POSITIONS	"A"	"B"	"C"					
-04	26.00 [1.024]	13.40 [0.528]	21.20 [0.835]					
-08	38.00 [1.496]	25.40 [1.000]	33.20 [1.307]					
-12	50.00 [1.969]	37.40 [1.472]	45.20 [1.780]					
-16	62.00 [2.441]	49.40 [1.945]	57.20 [2.252]					

TABLE 3: FINAL ASSEMBLY LENGTH TOLERANCE					
OVERALL LENGTH	TOLERANCE				
0152-0200 [5.98-7.87]	+3.0 [.12] / -0.0 [.00]				
0201-0500 [7.91-19.69]	+5.0 [.20] / -0.0 [.00]				
0501-9999 [19.72-393.66]	+10.0 [.39] / -0.0 [.00]				

TABLE 5 - PHASE MATCHED PAIRS						
PAIR NO.	POSITION	POSITION				
1	A01	A02				
2	A03	A04				
3	A05	A06				
6	A11	A12				
7	A13	A14				
8	A15	A16				
9	B01	B02				
10	B03	B04				
11	B05	B06				
15	B13	B14				
16	B15	B16				

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





SHEET SCALE: 1:1 DO NOT SCALE DRAWING

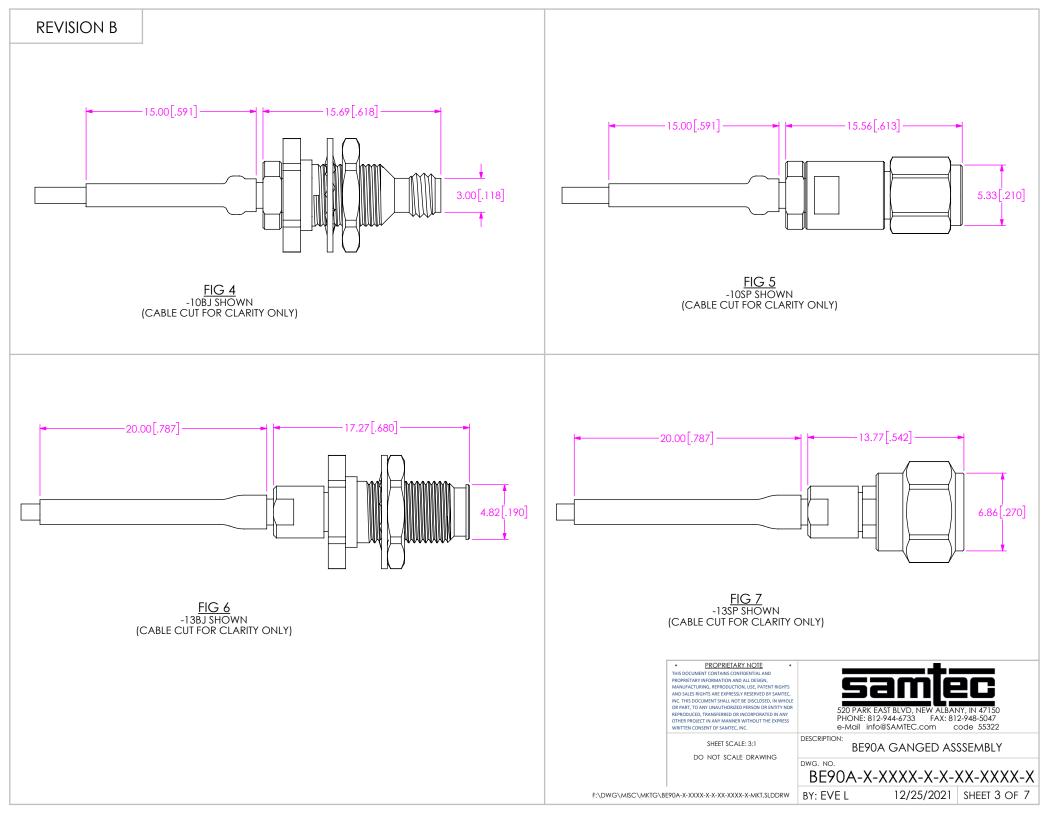


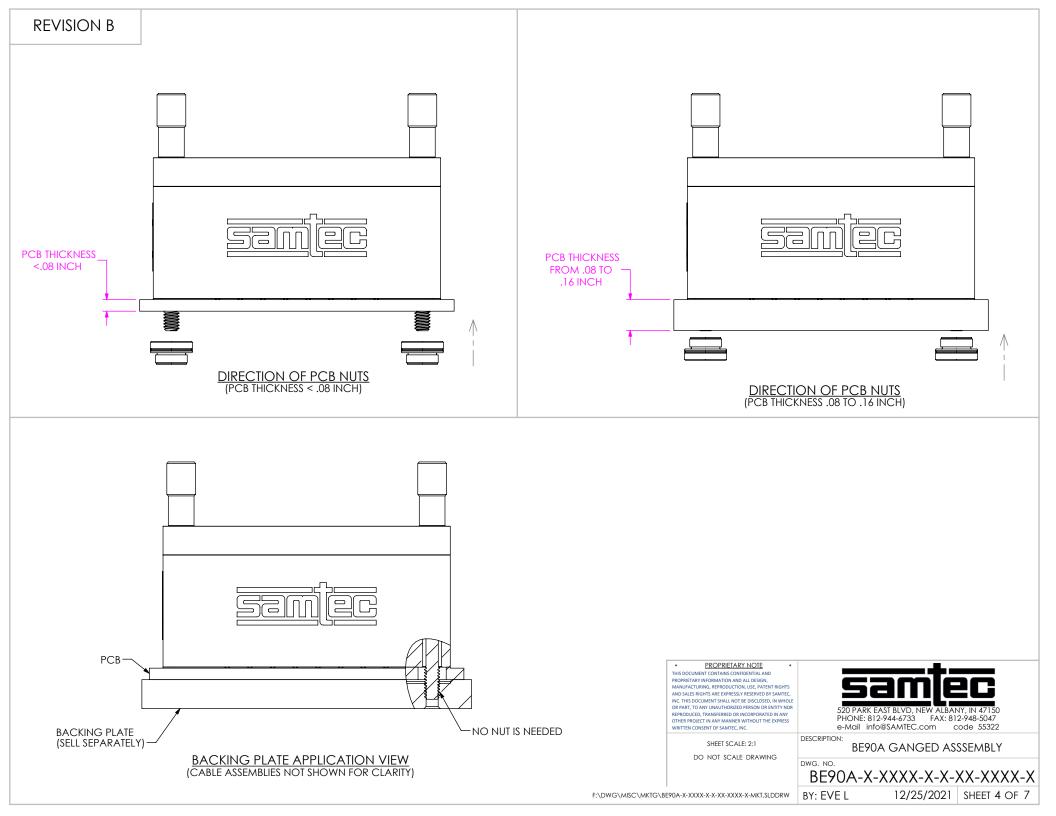
BE90A GANGED ASSSEMBLY

DWG. NO. BE90A-X-XXXX-X-XXXXX-X BY: EVE L

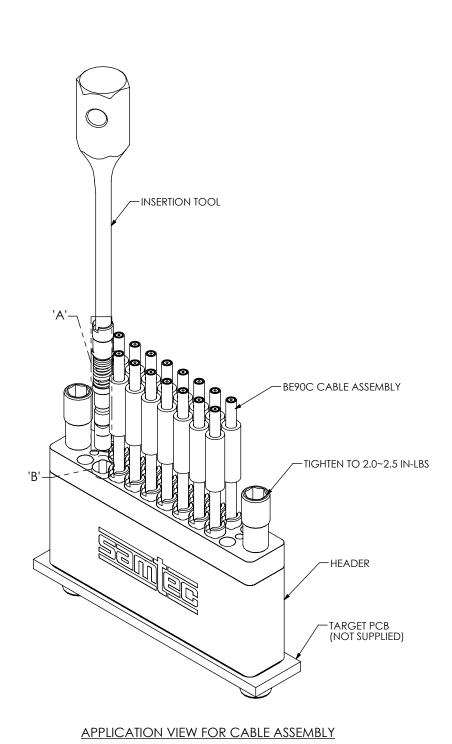
F:\DWG\MISC\MKTG\BE90A-X-XXXX-X-X-XX-XXXX-X-MKT.SLDDRW

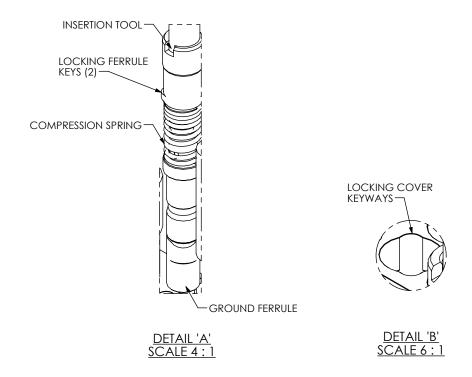
12/25/2021 SHEET 2 OF 7





REVISION B





CABLE INSTALLATION PROCEDURE:

INSURE LOCKING FERRULE KEYS (SEE DETAIL 'A') 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.

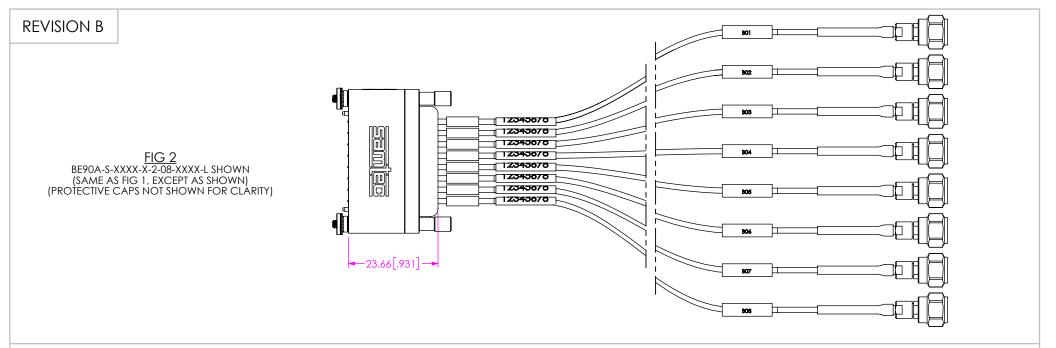
REVERSE ABOVE PROCEDURE TO DISASSEMBLE.

* PROPRIETARY NOTE THIS DOCUMENT CONTAINS CONFIDENTIAL AND 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 PEISON OR ENTITY NOR BERPRODUCED. THAN SHARKSPERGED OR INCORPORATED IN ANY OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC, INC. SHEET SCALE: 1:2 DESCRIPTION:

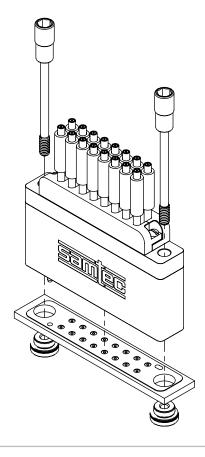
DO NOT SCALE DRAWING

BE90A GANGED ASSSEMBLY

BE90A-X-XXXX-X-XXXXX-X BY: EVE L 12/25/2021 SHEET 5 OF 7



APPLICATION VIEW FOR LOCKING TOOL (NO NEEED TO SCREW DOWN THE LOCKING TOOLING DURING APPLICATION)



F:\DWG\MISC\MKTG\BE90A-X-XXXX-X-XX-XXXXX-X-MKT.SLDDRW

PROPRIETARY NOTE THIS DOCUMENT CONTAINS CONFIDENTIAL AND MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS AND SALES RIGHTS ARE EXPRESSLY RESERVED BY SAMTEC, INIC. THIS DOCUMENT SHALL NOT BE DISCLOSED, IN WHOLE OR PART, TO ANY UNAUTHORIZED PERSON OR ENTITY NOR REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC, INC.

SHEET SCALE: 1:1

DO NOT SCALE DRAWING



520 PARK EAST BLVD, NEW ALBANY, IN 47150 PHONE: 812-944-6733 FAX: 812-948-5047 e-Mail info@SAMTEC.com code 55322

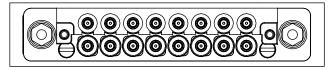
DESCRIPTION:

BE90A GANGED ASSSEMBLY

BE90A-X-XXXX-X-X-XXXXX-X

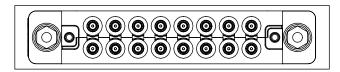
BY: EVE L

12/25/2021 SHEET 6 OF 7

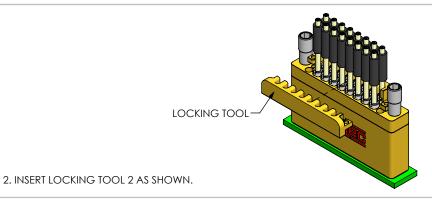


IN-PROCESS 1 (END 2 NOT SHOWN FOR CLARITY) -LOCKING TOOL

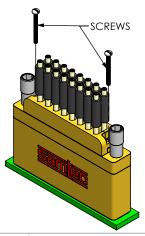
1. INSERT LOCKING TOOL 1 AS SHOWN.



IN-PROCESS 2 (END 2 NOT SHOWN FOR CLARITY)



IN-PROCESS 3 (END 2 NOT SHOWN FOR CLARITY) 3. TIGHTEN SCREWS AS SHOWN.



PROPRIETARY NOTE THIS DOCUMENT CONTAINS CONFIDENTIAL AND

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 PERSON OR ENTITY NOR OR PART, TO ANY TORNO THORIZED PERSON OF RATTET NO REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC, INC.

SHEET SCALE: 1:2

DO NOT SCALE DRAWING



PHONE: 812-944-6733 FAX: 812-948-5047 e-Mail info@SAMTEC.com code 55322

DESCRIPTION:

BE90A GANGED ASSSEMBLY

DWG. NO. BE90A-X-XXXX-X-X-XXXXX-X

BY: EVE L

12/25/2021 SHEET 7 OF 7