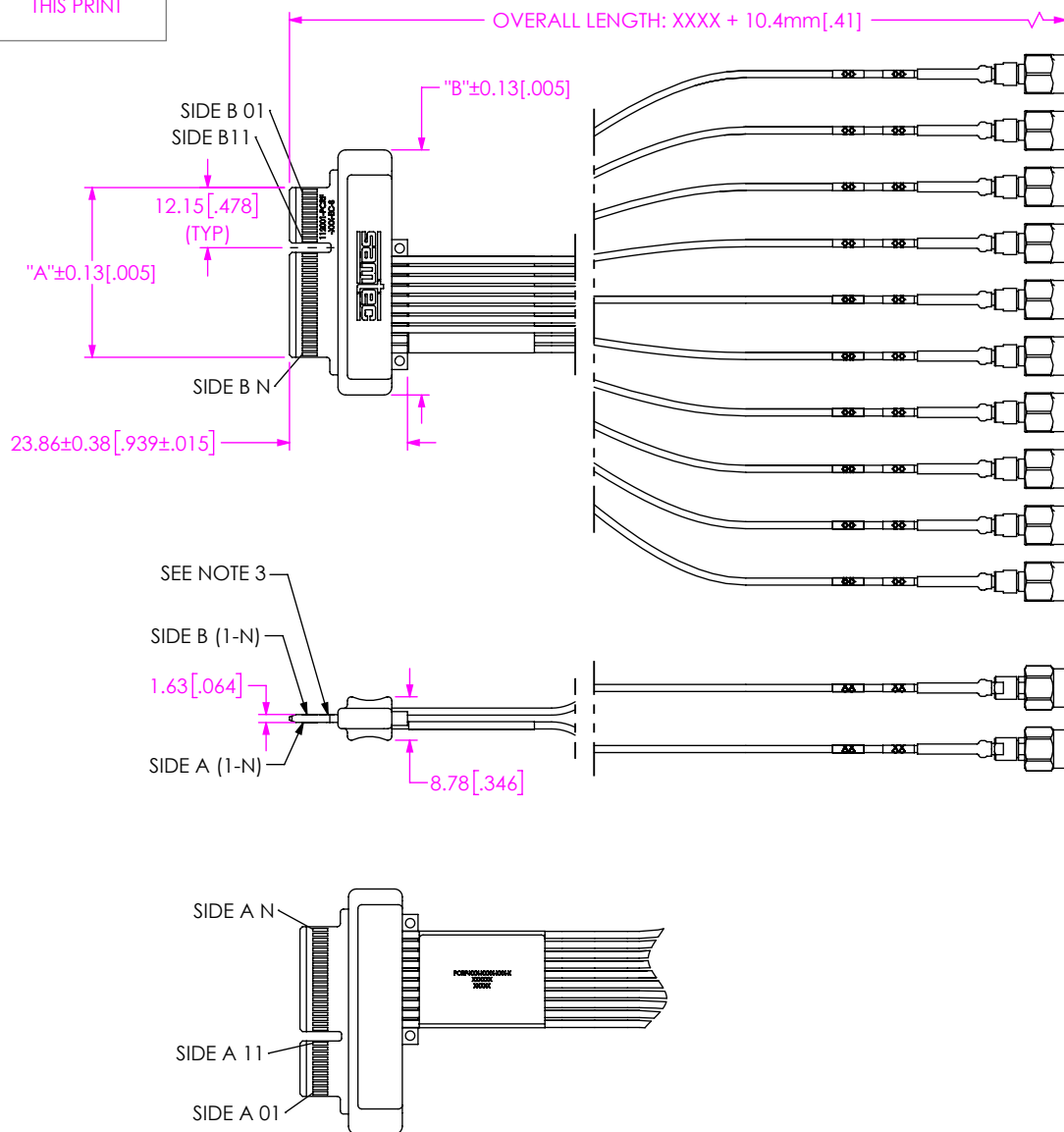


DO NOT
SCALE FROM
THIS PRINTFIG 1
(PCRf-G5-064-XXXX-EC-292-P-1 SHOWN)

NOTES:

1. ALL ASSEMBLIES TO BE 100% ELECTRICALLY TESTED FOR SHORTS & OPENS.
2. ALL ASSEMBLIES TO BE 100% HI-POT TESTED AT 300V. AFTER FINAL ELECTRICAL TEST, PLACE BLACK E-TEST STAMP ON LABEL WHERE SHOWN. DO NOT OVERLAP LABEL INFO.
3. EDGE CARD DESIGNED TO MATE WITH PCI EXPRESS CONNECTOR.
4. CABLE LENGTHS LONGER THAN 1016 MILLIMETERS ARE NOT SUPPORTED BY S.I. TEST DATA.

c:\enterprise\dwg\MISC\MKTG\PCRf-G5-XXX-XXXX-XX-XXX-X-X-MKT.SLDRW

PCRf-G5-XXX-XXXX-XX-XXX-X-X

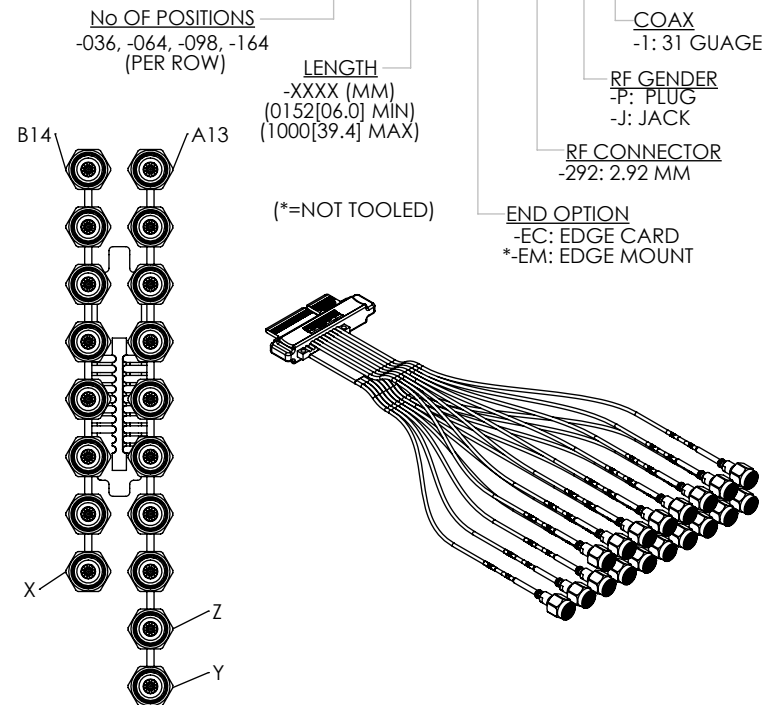


TABLE 3			
No OF POSITIONS	X	Y	Z
-036	B 15	A 17	A 16
-064	B 28	A 30	A 29
-098	B 46	A 48	A 47
-164	B 79	A 81	A 80

TABLE 1				
NO OF POSITIONS	"A"	"B"	N	QTY OF COAX CABLES
-036	20.30 [0.799]	35.54 [1.399]	18	6
-064	34.30 [1.350]	49.54 [1.950]	32	18
-098	51.30 [2.020]	66.54 [2.620]	49	34
-164	84.30 [3.319]	99.54 [3.919]	82	66

* 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 PERSON OR ENTITY NOR REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC, INC.

samtec

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

DO NOT SCALE DRAWING SHEET SCALE: 2:3

DESCRIPTION:

PCRf-G5 CABLE ASSEMBLY

DWG. NO.

PCRf-G5-XXX-XXXX-XX-XXX-X-X

BY: JACK Z

11/25/2021

SHEET 1 OF 3

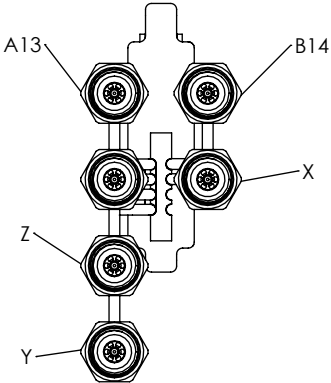
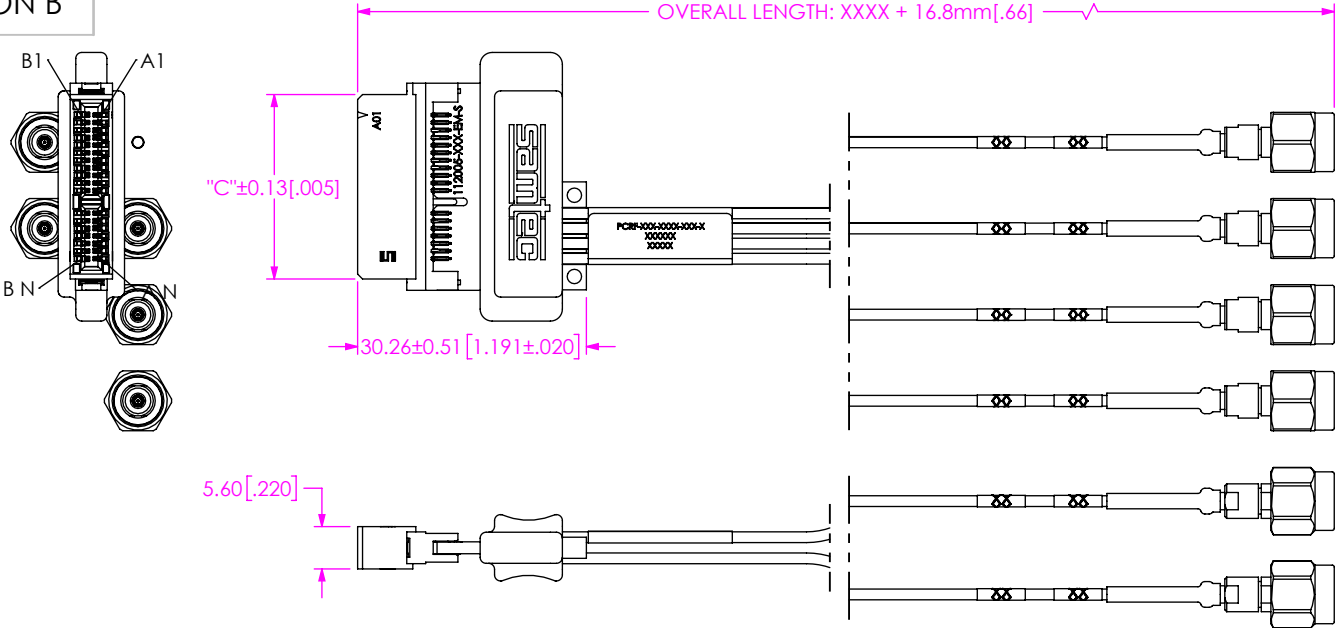


FIG 2
-EM OPTION
PCR5-G5-036-XXXX-EM-292-P-1 SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

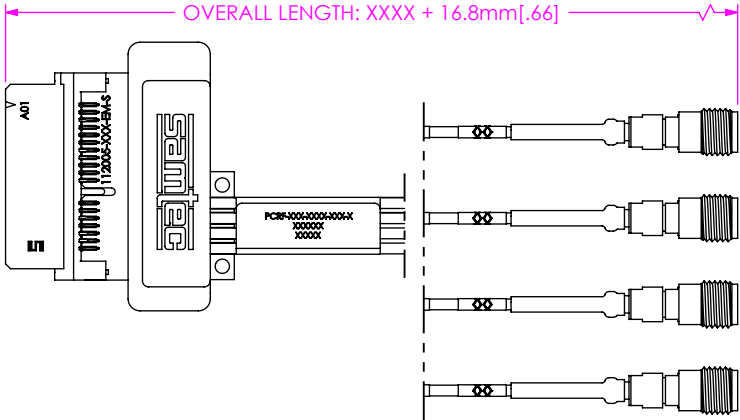


FIG 3
PCR5-G5-036-XXXX-EM-292-J-1 SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

TABLE 4			
NO OF POSITIONS	"C"	N	QTY OF COAX CABLES
-036	25.00 [0.984]	18	6
-064	39.00 [1.535]	32	18
-098	56.00 [2.205]	49	34
-164	89.00 [3.504]	82	66

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 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: 1:2
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: PCR5-G5 CABLE ASSEMBLY
DWG. NO. PCR5-G5-XXX-XXXX-XX-XXX-X-X

BY: JACK Z 11/25/2021 SHEET 2 OF 3

TABLE 2

PIN OUT

TABLE 2 PIN OUT													
SIDE B POSITION NUMBERS	DESCRIPTION	B SIDE CABLE LABELS	SIDE A POSITION NUMBERS	DESCRIPTION	A SIDE CABLE LABELS	SIDE B POSITION NUMBERS	DESCRIPTION	B SIDE CABLE LABELS	SIDE A POSITION NUMBERS	DESCRIPTION	A SIDE CABLE LABELS		
1	NO CONNECT		1	NO CONNECT		42	PETn6	B 42	42	GROUND			
2	NO CONNECT		2	NO CONNECT		43	GROUND		43	PERp6	A 43		
3	NO CONNECT		3	NO CONNECT		44	GROUND		44	PERn6	A 44		
4	GROUND		4	GROUND		45	PETp7	B 45	45	GROUND			
5	NO CONNECT		5	NO CONNECT		46	PETn7	B 46	46	GROUND			
6	NO CONNECT		6	NO CONNECT		47	GROUND		47	PERp7	A 47		
7	GROUND		7	NO CONNECT		48	NO CONNECT		48	PERn7	A 48		
8	NO CONNECT		8	NO CONNECT		49	GROUND		49	GROUND			
9	NO CONNECT		9	NO CONNECT		END OF 98 POSITION EDGE CARD							
10	NO CONNECT		10	NO CONNECT		50	PETp8	B 50	50	NO CONNECT			
11	NO CONNECT		11	NO CONNECT		51	PETn8	B 51	51	GROUND			
MECHANICAL KEY						52	GROUND		52	PERp8	A 52		
12	NO CONNECT	B 14	12	GROUND		53	GROUND		53	PERn8	A 53		
13	GROUND		13	REFCLK+	A 13	54	PETp9	B 54	54	GROUND			
14	PETp0		14	REFCLK-	A 14	55	PETn9	B 55	55	GROUND			
15	PETn0	B 15	15	GROUND		56	GROUND		56	PERp9	A 56		
16	GROUND		16	PERp0	A 16	57	GROUND		57	PERn9	A 57		
17	NO CONNECT		17	PERn0	A 17	58	PETp10	B 58	58	GROUND			
18	GROUND		18	GROUND		59	PETn10	B 59	59	GROUND			
END OF 36 POSITION EDGE CARD						60	GROUND		60	PERp10	A 60		
19	PETp1	B 19	19	NO CONNECT		61	GROUND		61	PERn10	A 61		
20	PETn1	B 20	20	GROUND	A 21	62	PETp11	B 62	62	GROUND			
21	GROUND		21	PERp1		63	PETn11	B 63	63	GROUND			
22	GROUND		22	PERn1		A 22	64	GROUND		64	PERp11	A 64	
23	PETp2		B 23	23	GROUND	65	GROUND	65		PERn11	A 65		
24	PETn2	B 24	24	GROUND		66	PETp12	B 66	66	GROUND			
25	GROUND		25	PERp2	A 25	67	PETn12	B 67	67	GROUND			
26	GROUND		26	PERn2	A 26	68	GROUND		68	PERp12	A 68		
27	PETp3		B 27	27	GROUND	69	GROUND		69	PERn12	A 69		
28	PETn3	B 28	28	GROUND	A 29	70	PETp13	B 70	70	GROUND			
29	GROUND		29	PERp3		71	PETn13	B 71	71	GROUND			
30	NO CONNECT		30	PERn3		A 30	72	GROUND	72	PERp13	A 72		
31	NO CONNECT		31	GROUND		73	GROUND	73	PERn13	A 73			
32	GROUND		32	NO CONNECT		74	PETp14	B 74	74	GROUND			
END OF 64 POSITION EDGE CARD						75	PETn14	B 75	75	GROUND			
33	PETp4	B 33	33	NO CONNECT	A 35	76	GROUND		76	PERp14	A 76		
34	PETn4	B 34	34	GROUND		77	GROUND		77	PERn14	A 77		
35	GROUND		35	PERp4		78	PETp15	B 78	78	GROUND			
36	GROUND		36	PERn4	A 36	79	PETn15	B 79	79	GROUND			
37	PETp5		B 37	37	GROUND	80	GROUND		80	PERp15	A 80		
38	PETn5	B 38	38	GROUND	81	NO CONNECT	81		PERn15	A 81			
39	GROUND		39	PERp5	A 39	82	NO CONNECT		82	GROUND			
40	GROUND		40	PERn5	A 40	END OF 164 POSITION EDGE CARD							
41	PETp6		B 41	41	GROUND								

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 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: 3:4
 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: **PCRF-G5 CABLE ASSEMBLY**
 DWG. NO. **PCRF-G5-XXX-XXXX-XX-XXX-X-X**
 BY: JACK Z 11/25/2021 SHEET 3 OF 3