

No OF POSITIONS

-028: 28 POSITIONS (1C)
-042: 42 POSITIONS (2C)
-070: 70 POSITIONS (4C)
(PER ROW)

LENGTH

-XXXX (MM)
-0152: 152[6]
-0350: 350[13.8]
-0500: 500[19.7]
(1000[39.4] MAX)

COAX

-1: 31 GAUGE

RF GENDER

-P: PLUG
-J: JACK

RF CONNECTOR

-292: 2.92 MM

END OPTION

-EC: EDGE CARD

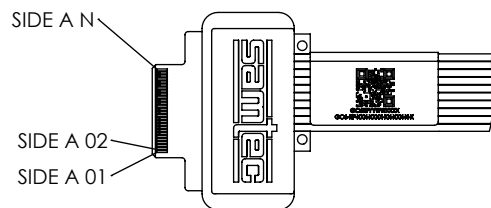
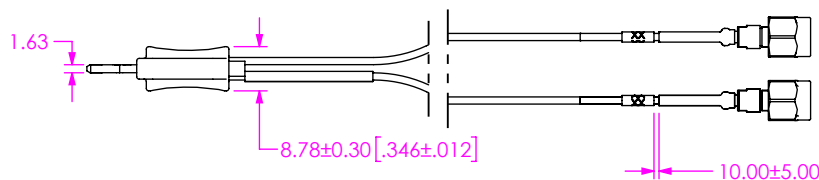
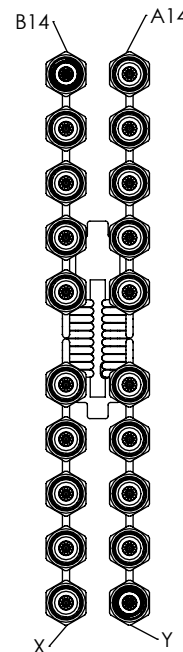
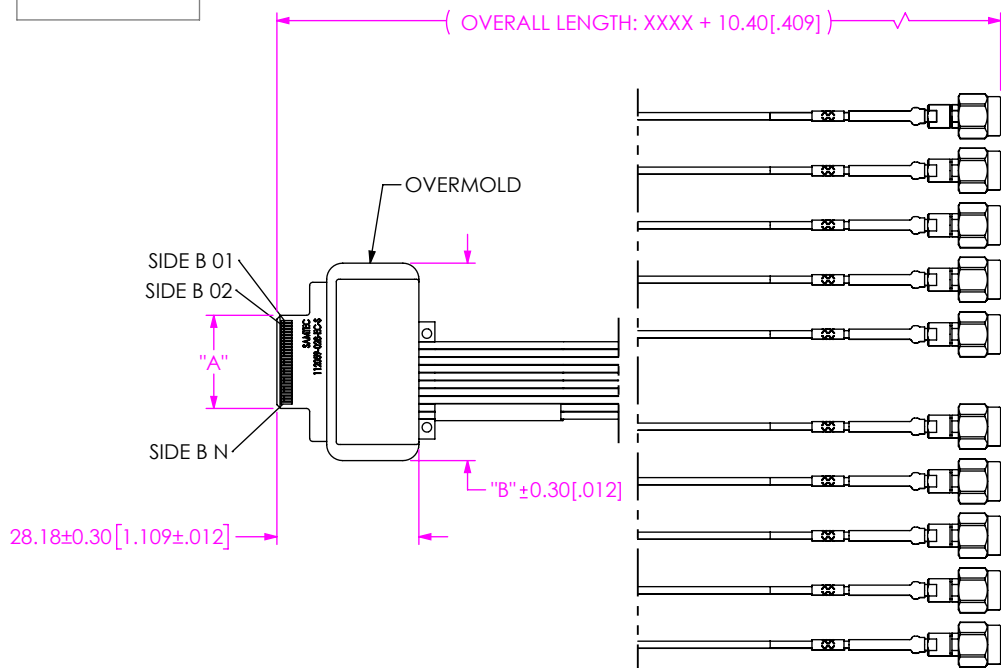


FIG 1
(GC6RF-028-XXXX-EC-2.92-P-1 SHOWN)

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 HDRL-XX WHERE SHOWN. DO NOT OVERLAP LABEL INFO.
3. EDGE CARD DESIGNED TO MATE WITH GEN-Z CONNECTOR.
4. CABLE LENGTHS LONGER THAN 1016 MILLIMETERS ARE NOT SUPPORTED BY S.I. TEST DATA.
5. PACKAGE ASSEMBLES IN ANTI-STATIC & STATIC DISSIPATION BAGS.

TABLE 2		
No OF POSITIONS	X	Y
-028	B27	A27
-042	B40	A40
-070	B66	A66

TABLE 1				
NO OF POSITIONS	"A"	"B"	N	QTY OF COAX CABLES
-028	18.48 [.728]	39.18 [1.543]	28	20
-042	30.17 [1.188]	50.87 [2.003]	42	36
-070	51.28 [2.019]	71.98 [2.834]	70	68

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.		 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: GC6RF CABLE ASSEMBLY	
		DWG. NO. GC6RF-XXX-XXXX-XX-XXX-X-X	
BY: EVE L		11/25/2021	SHEET 1 OF 3

TABLE 3
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
B1	NO CONNECT		A1	GND		B37	TX6p	B37	A37	RX6p	A37
B2	NO CONNECT		A2	GND		B38	GND		A38	GND	
B3	NO CONNECT		A3	GND		B39	TX7n	B39	A39	RX7n	A39
B4	NO CONNECT		A4	GND		B40	TX7p	B40	A40	RX7p	A40
B5	NO CONNECT		A5	GND		B41	GND		A41	GND	
B6	NO CONNECT		A6	GND		B42	NO CONNECT		A42	NO CONNECT	
B7	NO CONNECT		A7	NO CONNECT		END OF 2C CONNECTOR (KEY FOR 4C)					
B8	NO CONNECT		A8	NO CONNECT		B43	GND		A43	GND	
B9	NO CONNECT		A9	NO CONNECT		B44	TX8n	B44	A44	RX8n	A44
B10	NO CONNECT		A10	NO CONNECT		B45	TX8p	B45	A45	RX8p	A45
B11	NO CONNECT		A11	NO CONNECT		B46	GND		A46	GND	
B12	NO CONNECT		A12	NO CONNECT		B47	TX9n	B47	A47	RX9n	A47
B13	GND		A13	GND		B48	TX9p	B48	A48	RX9p	A48
B14	REFCLKn0	B14	A14	REFCLKn1	A14	B49	GND		A49	GND	
B15	REFCLKp0	B15	A15	REFCLKp1	A15	B50	TX10n	B50	A50	RX10n	A50
B16	GND		A16	GND		B51	TX10p	B51	A51	RX10p	A51
B17	TX0n	B17	A17	RX0n	A17	B52	GND		A52	GND	
B18	TX0p	B18	A18	RX0p	A18	B53	TX11n	B53	A53	RX11n	A53
B19	GND		A19	GND		B54	TX11p	B54	A54	RX11p	A54
B20	TX1n	B20	A20	RX1n	A20	B55	GND		A55	GND	
B21	TX1p	B21	A21	RX1p	A21	B56	TX12n	B56	A56	RX12n	A56
B22	GND		A22	GND		B57	TX12p	B57	A57	R12p	A57
B23	TX2n	B23	A23	RX2n	A23	B58	GND		A58	GND	
B24	TX2p	B24	A24	RX2p	A24	B59	TX13n	B59	A59	RX13n	A59
B25	GND		A25	GND		B60	TX13p	B60	A60	RX13p	A60
B26	TX3n	B26	A26	RX3n	A26	B61	GND		A61	GND	
B27	TX3p	B27	A27	RX3p	A27	B62	TX14n	B62	A62	RX14n	A62
B28	GND		A28	GND		B63	TX14p	B63	A63	RX14p	A63
END OF 1C CONNECTOR (KEY FOR 2C, 4C)						B64	GND		A64	GND	
B29	GND		A29	GND		B65	TX15n	B65	A65	RX15n	A65
B30	TX4n	B30	A30	RX4n	A30	B66	TX15p	B66	A66	RX15p	A66
B31	TX4p	B31	A31	RX4p	A31	B67	GND		A67	GND	
B32	GND		A32	GND		B68	NO CONNECT		A68	NO CONNECT	
B33	TX5n	B33	A33	RX5n	A33	B69	NO CONNECT		A69	NO CONNECT	
B34	TX5p	B34	A34	RX5p	A34	B70	NO CONNECT		A70	NO CONNECT	
B35	GND		A35	GND		END OF 4C CONNECTOR					
B36	TX6n	B36	A36	RX6n	A36						

* 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: 2:3
 DO NOT SCALE DRAWING

samtec

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

DESCRIPTION: GC6RF CABLE ASSEMBLY

DWG. NO. GC6RF-XXX-XXXX-XX-XXX-X-X

BY: EVE L 11/25/2021 SHEET 3 OF 3