

Pb THIS PRODUCT MANUFACTURED WITH LEAD-FREE PROCESSING

DO NOT SCALE FROM THIS PRINT

END TO END	"B"
DV TO DV	.820 [20.82]

EQRD-XXX-XX.XX-XXX-XXX-X-X

No OF POSITIONS
-026, -052, -078
(PER ROW)

LENGTH
-XX.XX (INCHES)
(01.72[43.69] MIN)
(SEE NOTE 8)
(SEE NOTE 9)

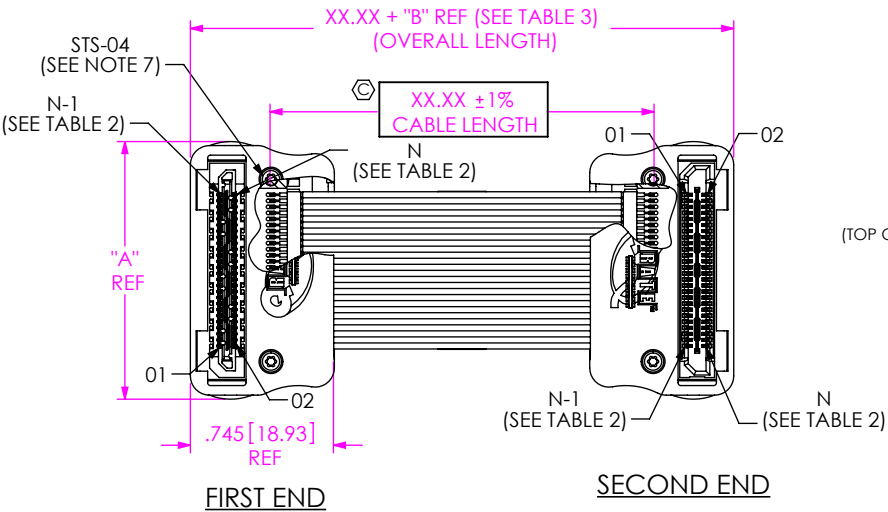
END OPTION
-F: SCREW OPTION FIRST END ONLY
-S: SCREW OPTION SECOND END ONLY
-B: SCREW OPTION BOTH ENDS
-N: NO HOUSINGS EITHER END
(SEE SHEET 3, FIGURE 3 FOR DETAILS)
(LEAVE BLANK FOR STANDARD HOUSINGS)

WIRING OPTION
-1: PIN 1 TO PIN 1
-2: PIN 1 TO PIN 2
-3: PIN 1 TO PIN N-1
-4: PIN 1 TO PIN N
(SEE TABLE 6, SHEET 4)

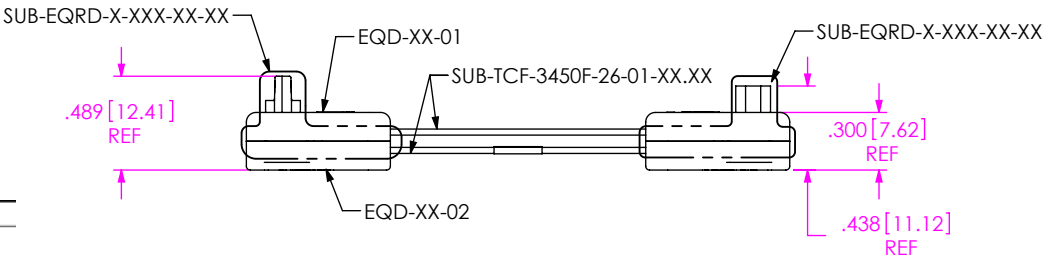
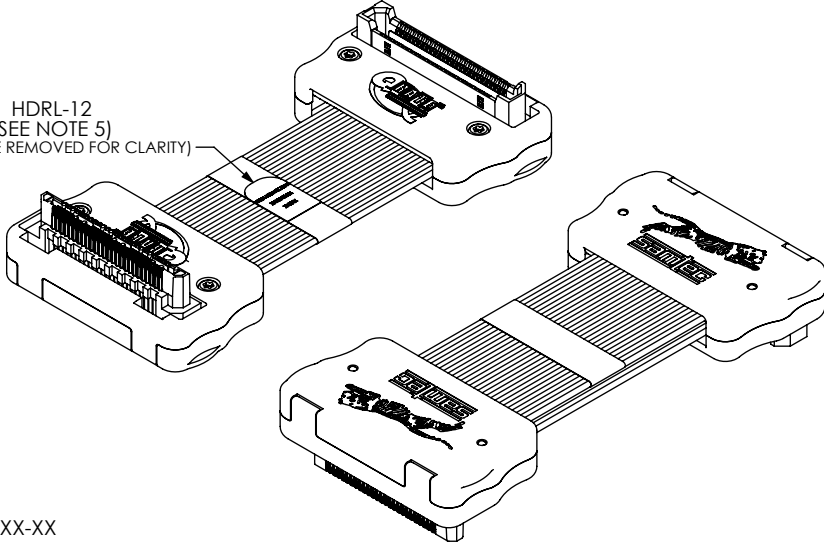
FIRST END
-TTR: TERMINAL, TOP, RIGHT
-TTL: TERMINAL, TOP, LEFT
-TBR: TERMINAL, BOTTOM, RIGHT
-TBL: TERMINAL, BOTTOM, LEFT
-STR: SOCKET, TOP, RIGHT
-STL: SOCKET, TOP, LEFT
-SBR: SOCKET, BOTTOM, RIGHT
-SBL: SOCKET, BOTTOM, LEFT

SECOND END
-TTR: TERMINAL, TOP, RIGHT
-TTL: TERMINAL, TOP, LEFT
-TBR: TERMINAL, BOTTOM, RIGHT
-TBL: TERMINAL, BOTTOM, LEFT
-STR: SOCKET, TOP, RIGHT
-STL: SOCKET, TOP, LEFT
-SBR: SOCKET, BOTTOM, RIGHT
-SBL: SOCKET, BOTTOM, LEFT

FIG 1
(EQRD-026-XX.XX-TTL-STL-X SHOWN)



HDRL-12
(SEE NOTE 5)
(TOP CABLE REMOVED FOR CLARITY)



- NOTES:
1. REPRESENTS A CRITICAL DIMENSION.
 2. PARTS TO BE PROCESSED PER SAMTEC BOUNDARY DOCUMENTS GUIDELINES.
 3. ALL ASSEMBLIES TO BE 100% ELECTRICALLY TESTED.
 4. ALL ASSEMBLIES TO BE 100% HI-POT TESTED AT 300V.
 5. LABEL TO BE CENTERED ON LOWER CABLE AS SHOWN. LABEL TO CONTAIN:
LINE 1 - PART NUMBER "EQRD-XXX-XX.XX-XXX-XXX-X"
LINE 2 - SHOP ORDER NUMBER "XXXXXX"
LINE 3 - DATE CODE "XXXXX"
 6. FOR PACKAGING REQUIREMENTS REFERENCE PACKAGING STANDARDS.
 7. TIGHTEN STS-04 FASTENERS TO 1.4-1.7 IN-LBS (4 PLCS).
 8. SUB-TCF LENGTH IS EQUAL TO EQRD LENGTH.
 9. CABLE LENGTHS LONGER THAN 40.00 INCHES ARE NOT SUPPORTED BY S.I. TEST DATA.
 10. REFER TO PREP-SPEC DRAWING FOR CABLE DIMENSIONS.
ASSEMBLY USES STANDARD PCB PREP.

# OF POSITIONS	N	N-1
-026	26	25
-052	52	51
-078	78	77

# OF POSITIONS	"A"	EQD-XX-01	EQD-XX-02	SUB-TCF-3450F-XX-XX-XX-XX		SUB-EQRD-X-XXX-XX-XX-X
				PART #	QTY	
-026	1.300 [33.02]	EQD-01-01	EQD-01-02	SUB-TCF-3450F-26-01-XX-XX	2	SUB-EQRD-X-026-XX-XX-X
-052	2.276 [57.81]	EQD-02-01	EQD-02-02	SUB-TCF-3450F-26-01-XX-XX	4	SUB-EQRD-X-052-XX-XX-X
-078	3.253 [82.63]	EQD-03-01	EQD-03-02	SUB-TCF-3450F-26-01-XX-XX	6	SUB-EQRD-X-078-XX-XX-X

SEE TABLE 8 (SHEET 4)

TOLERANCES DO NOT APPLY TO REFERENCE DIMENSIONS, UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
DECIMALS .XX: ±.01 [3]
.XXX: ±.005 [13]
.XXXX: ±.0020 [051]
ANGLES 2°
MATERIAL: DO NOT SCALE DRAWING
PLATING: -S GOLD: 30µ" CONTACT

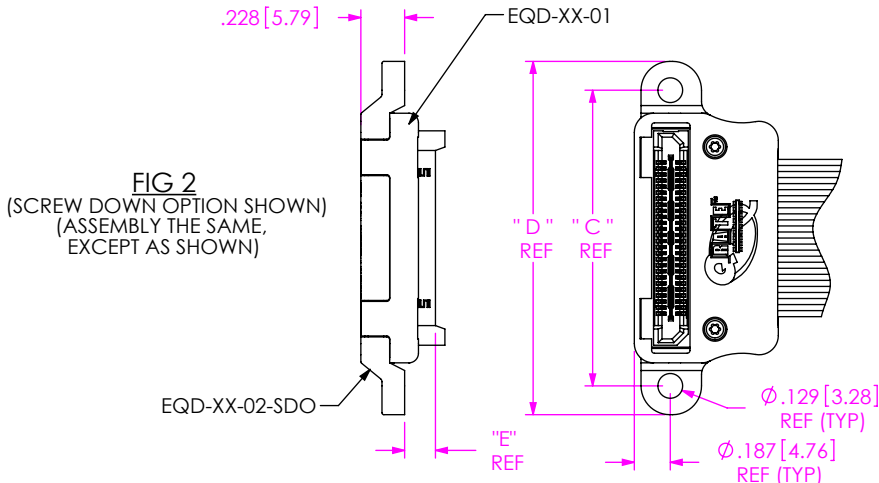
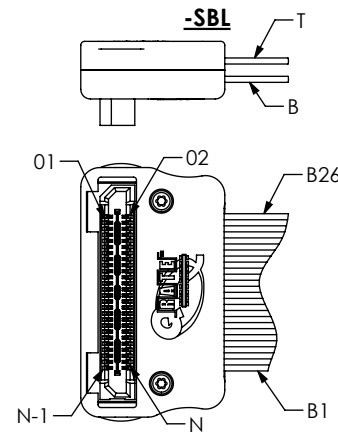
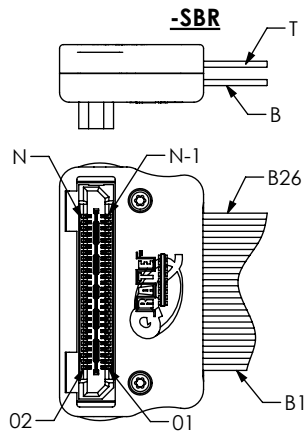
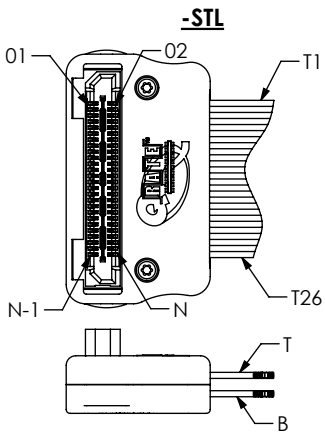
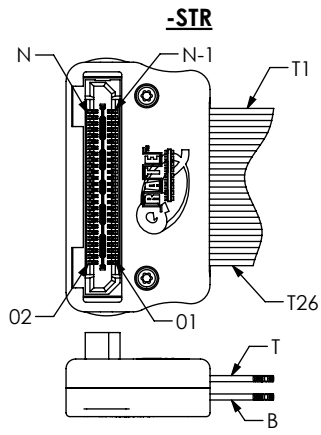
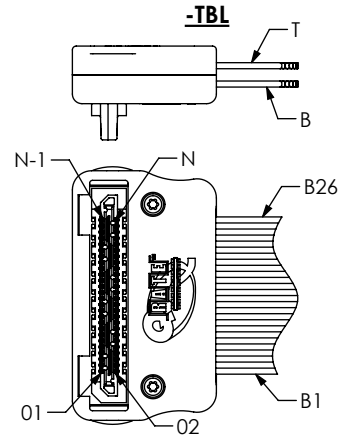
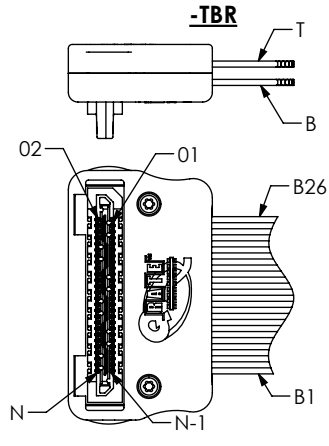
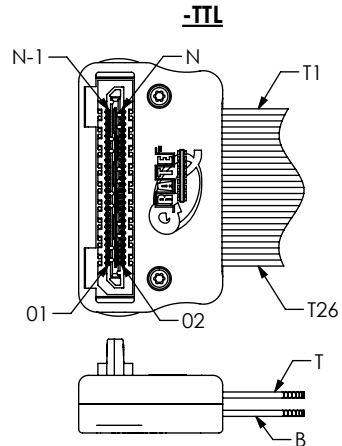
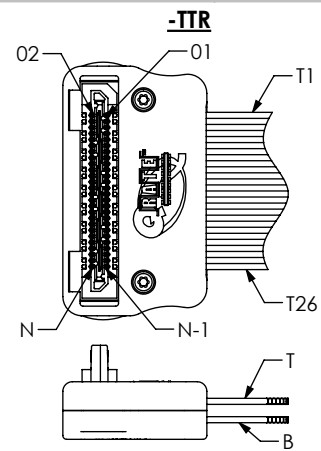
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520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail info@SAMTEC.com code 55322

DESCRIPTION:
0.8MM Q-RATE COAX CABLE ASSEMBLY
DWG. NO.
EQRD-XXX-XX.XX-XXX-XXX-X-X
BY: J. Riley 08/10/2009 SHEET 1 OF 4

FIRST END



# OF POSITIONS	"C"	"D"	EQD-XX-02-SDO
-026	1.540 [39.12]	1.840 [46.74]	EQD-01-02-SDO
-052	2.516 [63.91]	2.816 [71.53]	EQD-02-02-SDO
-078	3.492 [88.70]	3.792 [96.32]	EQD-03-02-SDO

# OF POSITIONS	"E"
-TXX	.135 [3.43]
-SXX	.160 [4.08]

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DO NOT SCALE DRAWING



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 DWG. NO.
 EQRD-XXX-XX.XX-XXX-XXX-X-X
 BY: J. Riley 08/10/2009 SHEET 2 OF 4

SECOND END

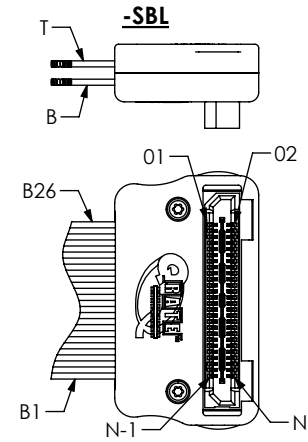
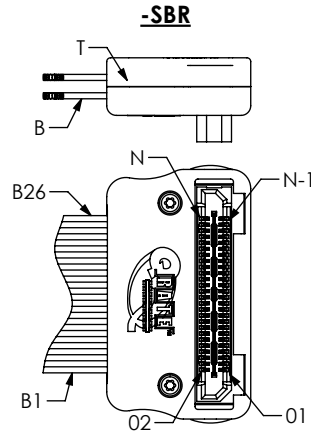
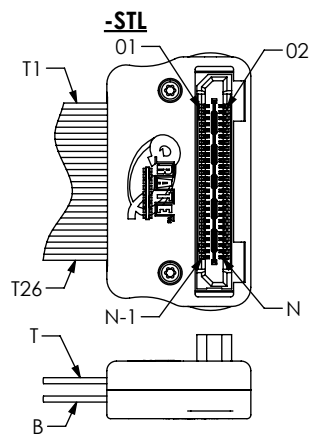
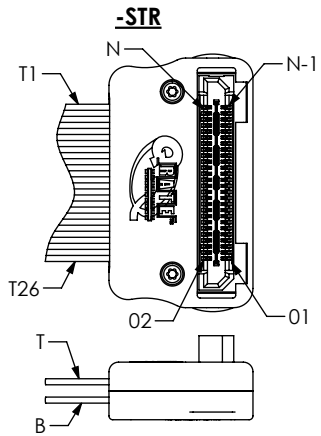
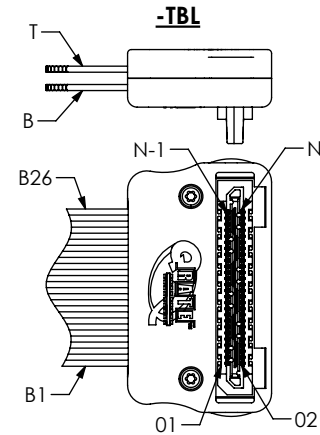
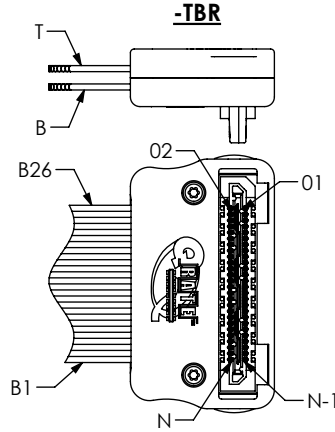
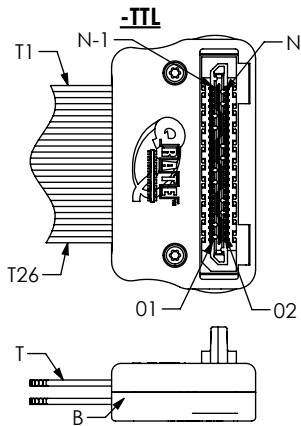
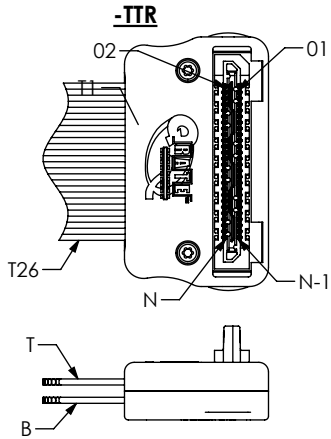
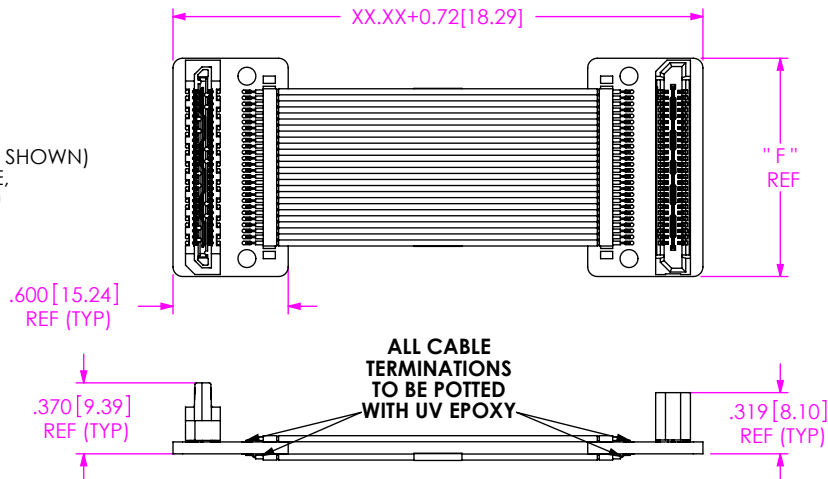


FIG 3
(EQRD-026-XX.XX-TTL-STL-X-N SHOWN)
(ASSEMBLY THE SAME,
EXCEPT AS SHOWN)



# OF POSITIONS	"F"
-026	1.136 [28.85]
-052	2.113 [53.67]
-078	3.089 [78.46]

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DESCRIPTION:
0.8MM Q-RATE COAX CABLE ASSEMBLY

DWG. NO.
EQRD-XXX-XX.XX-XXX-XXX-X-X

BY: J. Riley 08/10/2009 SHEET 3 OF 4

REVISION K

TABLE 6

FIRST END OPTION	FIRST END SUB-EQRD-X-XXX-XX-01	WRING OPTION	FIRST END PIN #	SECOND END PIN #	WIRE #	SECOND END OPTION (SUB-EQRD-X-XXX-XX-XX)							
						-TTR	-TTL	-TBR	-TBL	-STR	-STL	-SBR	-SBL
-TTR	-T-XXX-01-01	1	1	1	T1	-T-XXX-02-02	N/A	N/A	-T-XXX-01-02	N/A	-S-XXX-01-01	-S-XXX-02-01	N/A
		2	1	2	T1	-T-XXX-02-01	N/A	N/A	-T-XXX-01-01	N/A	-S-XXX-01-02	-S-XXX-02-02	N/A
		3	1	N-1	T1	N/A	-T-XXX-01-01	-T-XXX-02-01	N/A	-S-XXX-02-02	N/A	N/A	-S-XXX-01-02
		4	1	N	T1	N/A	-T-XXX-01-02	-T-XXX-02-02	N/A	-S-XXX-02-01	N/A	N/A	-S-XXX-01-01
-TTL	-T-XXX-02-01	1	1	1	B20	N/A	-T-XXX-01-02	-T-XXX-02-02	N/A	-S-XXX-02-01	N/A	N/A	-S-XXX-01-01
		2	1	2	B20	N/A	-T-XXX-01-01	-T-XXX-02-01	N/A	-S-XXX-02-02	N/A	N/A	-S-XXX-01-02
		3	1	N-1	B20	-T-XXX-02-01	N/A	N/A	-T-XXX-01-01	N/A	-S-XXX-01-02	-S-XXX-02-02	N/A
		4	1	N	B20	-T-XXX-02-02	N/A	N/A	-T-XXX-01-02	N/A	-S-XXX-01-01	-S-XXX-02-01	N/A
-TBR	-T-XXX-01-01	1	1	1	B20	N/A	-T-XXX-01-02	-T-XXX-02-02	N/A	-S-XXX-02-01	N/A	N/A	-S-XXX-01-01
		2	1	2	B20	N/A	-T-XXX-01-01	-T-XXX-02-01	N/A	-S-XXX-02-02	N/A	N/A	-S-XXX-01-02
		3	1	N-1	B20	-T-XXX-02-01	N/A	N/A	-T-XXX-01-01	N/A	-S-XXX-01-02	-S-XXX-02-02	N/A
		4	1	N	B20	-T-XXX-02-02	N/A	N/A	-T-XXX-01-02	N/A	-S-XXX-01-01	-S-XXX-02-01	N/A
-TBL	-T-XXX-02-01	1	1	1	T1	-T-XXX-02-02	N/A	N/A	-T-XXX-01-02	N/A	-S-XXX-01-01	-S-XXX-02-01	N/A
		2	1	2	T1	-T-XXX-02-01	N/A	N/A	-T-XXX-01-01	N/A	-S-XXX-01-02	-S-XXX-02-02	N/A
		3	1	N-1	T1	N/A	-T-XXX-01-01	-T-XXX-02-01	N/A	-S-XXX-02-02	N/A	N/A	-S-XXX-01-02
		4	1	N	T1	N/A	-T-XXX-01-02	-T-XXX-02-02	N/A	-S-XXX-02-01	N/A	N/A	-S-XXX-01-01
-STR	-S-XXX-01-01	1	1	1	T20	N/A	-T-XXX-01-01	-T-XXX-02-01	N/A	-S-XXX-02-02	N/A	N/A	-S-XXX-01-02
		2	1	2	T20	N/A	-T-XXX-01-02	-T-XXX-02-02	N/A	-S-XXX-02-01	N/A	N/A	-S-XXX-01-01
		3	1	N-1	T20	-T-XXX-02-02	N/A	N/A	-T-XXX-01-02	N/A	-S-XXX-01-01	-S-XXX-02-01	N/A
		4	1	N	T20	-T-XXX-02-01	N/A	N/A	-T-XXX-01-01	N/A	-S-XXX-01-02	-S-XXX-02-02	N/A
-STL	-S-XXX-02-01	1	1	1	B1	-T-XXX-02-01	N/A	N/A	-T-XXX-01-01	N/A	-S-XXX-01-02	-S-XXX-02-02	N/A
		2	1	2	B1	-T-XXX-02-02	N/A	N/A	-T-XXX-01-02	N/A	-S-XXX-01-01	-S-XXX-02-01	N/A
		3	1	N-1	B1	N/A	-T-XXX-01-02	-T-XXX-02-02	N/A	-S-XXX-02-01	N/A	N/A	-S-XXX-01-02
		4	1	N	B1	N/A	-T-XXX-01-01	-T-XXX-02-01	N/A	-S-XXX-02-02	N/A	N/A	-S-XXX-01-01
-SBR	-S-XXX-01-01	1	1	1	B1	-T-XXX-02-01	N/A	N/A	-T-XXX-01-01	N/A	-S-XXX-01-02	-S-XXX-02-02	N/A
		2	1	2	B1	-T-XXX-02-02	N/A	N/A	-T-XXX-01-02	N/A	-S-XXX-01-01	-S-XXX-02-01	N/A
		3	1	N-1	B1	N/A	-T-XXX-01-02	-T-XXX-02-02	N/A	-S-XXX-02-01	N/A	N/A	-S-XXX-01-02
		4	1	N	B1	N/A	-T-XXX-01-01	-T-XXX-02-01	N/A	-S-XXX-02-02	N/A	N/A	-S-XXX-01-01
-SBL	-S-XXX-02-01	1	1	1	T20	N/A	-T-XXX-01-01	-T-XXX-02-01	N/A	-S-XXX-02-02	N/A	N/A	-S-XXX-01-02
		2	1	2	T20	N/A	-T-XXX-01-02	-T-XXX-02-02	N/A	-S-XXX-02-01	N/A	N/A	-S-XXX-01-01
		3	1	N-1	T20	-T-XXX-02-02	N/A	N/A	-T-XXX-01-02	N/A	-S-XXX-01-01	-S-XXX-02-01	N/A
		4	1	N	T20	-T-XXX-02-01	N/A	N/A	-T-XXX-01-01	N/A	-S-XXX-01-02	-S-XXX-02-02	N/A

TABLE 7
SIGNAL MAP

POSITION	1	3	5	7	...	N-1
SIGNAL	S	S	S	S		S
SIGNAL	S	S	S	S		S
POSITION	2	4	6	8	...	N

(GROUND BLADE CONNECTED TO COAX SHIELD)

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DESCRIPTION:
0.8MM Q-RATE COAX CABLE ASSEMBLY

DWG. NO.
EQRD-XXX-XX.XX-XXX-XXX-X-X

BY: J. Riley 08/10/2009 SHEET 4 OF 4

SHEET SCALE: 1:1