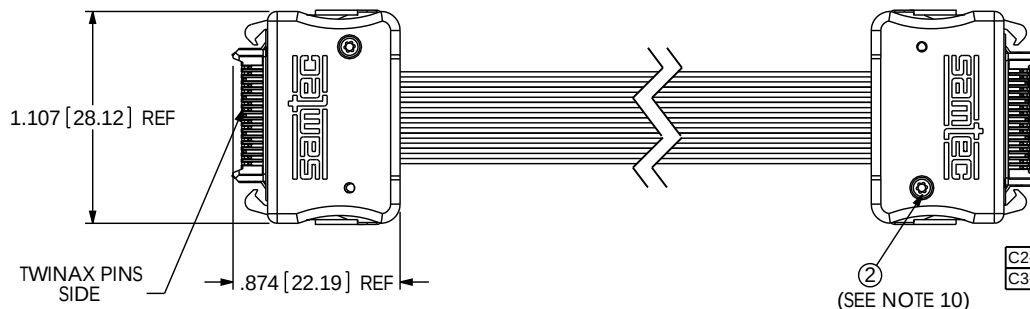
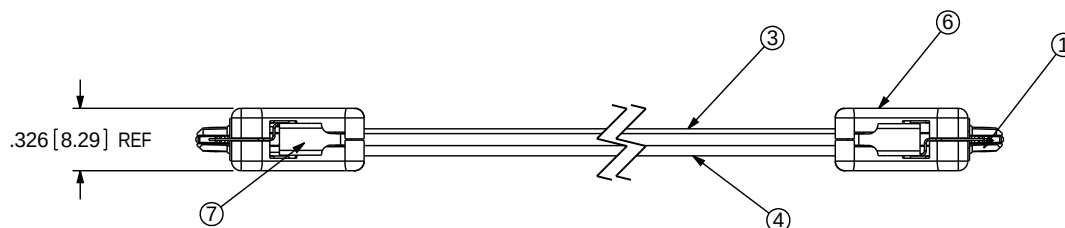
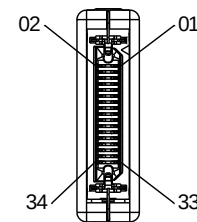
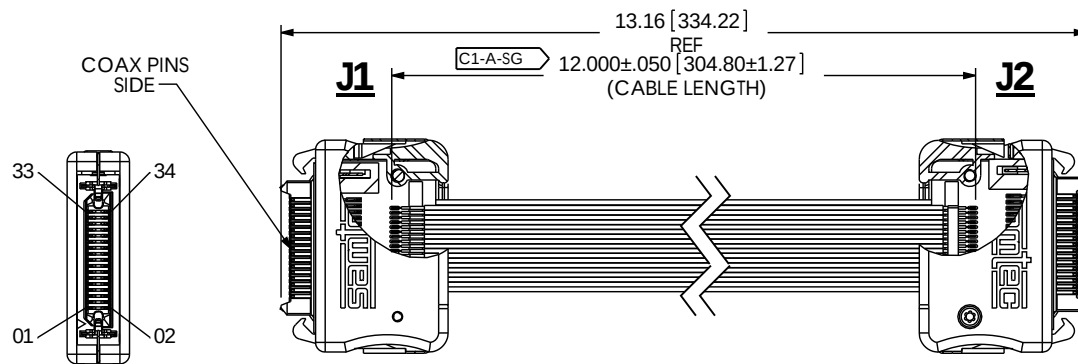


HDR-142118-01

REVISION

0	TP	T PAYNE
8/15/2008	ECN-95660	ISSUE FOR REVIEW
1	TP	J RILEY
8/21/2008	ECN-95994	SHEET 1 BOM: ADD ITEM#8; SHEET 2 BOM: CHG PCB-101396-HDR-XX TO PCB-101396-HDR-01; SHEET 2: ADD EXPLODED VIEW; SHEET 2: UPDATE SUB NOTES
2	JH	J RILEY
10/7/2008	ECN-98533	CHG STS-01 TO STS-04; ADD NOTE 10
A	BR	J RILEY
3/24/2009	ECN-107450	SHT 2, TABLE 1 - POS 24, 30: CHG FROM GROUND TO SIGNAL (COAX); RELEASE FOR PRODUCTION

HDR SETUP OPTION:
NA
PCB SETUP OPTION:
OPTION 4

**THIS PRODUCT MANUFACTURED
WITH LEAD-FREE PROCESSING**

NOTES:

1. CABLE ASSEMBLY CONFIGURATION IS NON-STANDARD.
2. [C1-A-SG] REPRESENTS A CRITICAL DIMENSION.
3. PARTS TO BE PROCESSED PER SAMTEC ACCEPTABILITY REQUIREMENTS: HDR-PI-01 "CABLE ASSEMBLY WORKMANSHIP STANDARDS".
4. ALL ASSEMBLIES TO BE 100% ELECTRICALLY TESTED.
5. ALL ASSEMBLIES TO BE 100% HI-POT TESTED AT 300V.
6. ITEM 5 TO BE CENTERED ON ITEM 4 AS SHOWN. ITEM 5 TO CONTAIN: LINE 1 - PART NUMBER "HDR-XXXXXX-XX", LINE 2 - SHOP ORDER NUMBER "XXXXXX", AND LINE 3 - DATE CODE "XXXXX". NUMERIC REVISION PRODUCT WILL HAVE ADDITIONAL LABEL INDICATING "RELEASE FOR LIMITED PRODUCTION".
7. FOR PROCESSING INFORMATION ON SUB-ASSEMBLIES, REFERENCE SUB-HDR-142118-XX TRAVELER.XLS.
8. PARTS TO BE PACKAGED IN STATIC DISSIPATION BAGS.
9. PANEL PCB-101396-HDR-XX YIELDS [5] PCB-101396-HDR-01.
10. TIGHTEN STS-04 FASTENERS TO 1.4-1.7 IN-LBS [4 PLCS].

HDR-142118-01 BOM

ITEM NO.	PART NUMBER	DESCRIPTION	QUANTITY	MATERIAL
1	SUB-HDR-142118-01	SUB ASSEMBLY	2	SUB ASSEMBLY
2	STS-04	FASTENER	4	LOW CARBON STEEL
3	SUB-TCF-3850-17-01-12.00	COAX CABLE	1	SUB ASSEMBLY
4	SUB-TTF-30100-06-01-12.00	TWIN-AX CABLE	1	SUB ASSEMBLY
5	HDRL-11	LABEL	1	SELF LAMINATING VINYL
6	ECD-17-03	HOUSING	4	IDEMITSU XAREC EA522 BK
7	LTC-16-01	SPRING LATCH	4	BERYLLIUM COPPER
8	DOW-0469-1250-01	DOWEL PIN	4	ACETAL

TOLERANCES DO NOT APPLY TO REFERENCE DIMENSIONS.
UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS ANGLES
.XX: ±.01[.3]
.XXX: ±.005[.13]
.XXXX: ±.0020[.051]

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CONSENT OF SAMTEC, INC.

DO NOT SCALE DRAWING

SHEET SCALE: 1:1

DESCRIPTION:

CUSTOM HDR CABLE ASSEMBLY

DWG. NO.

HDR-142118-01

BY: Tyler P

8/15/2008

SHEET 1 OF 2

F:\DWG\HDR\142000\HDR-142118-01\HDR-142118-01.SLDDRW

ACCEPTANCE OF DRAWING
ACCEPTED WITH DEVIATIONS LISTED

DATE: _____
COMPANY: _____
CUSTOMER SIGNATURE: _____
PRINTED NAME: _____
PHONE No: _____
FAX No: _____

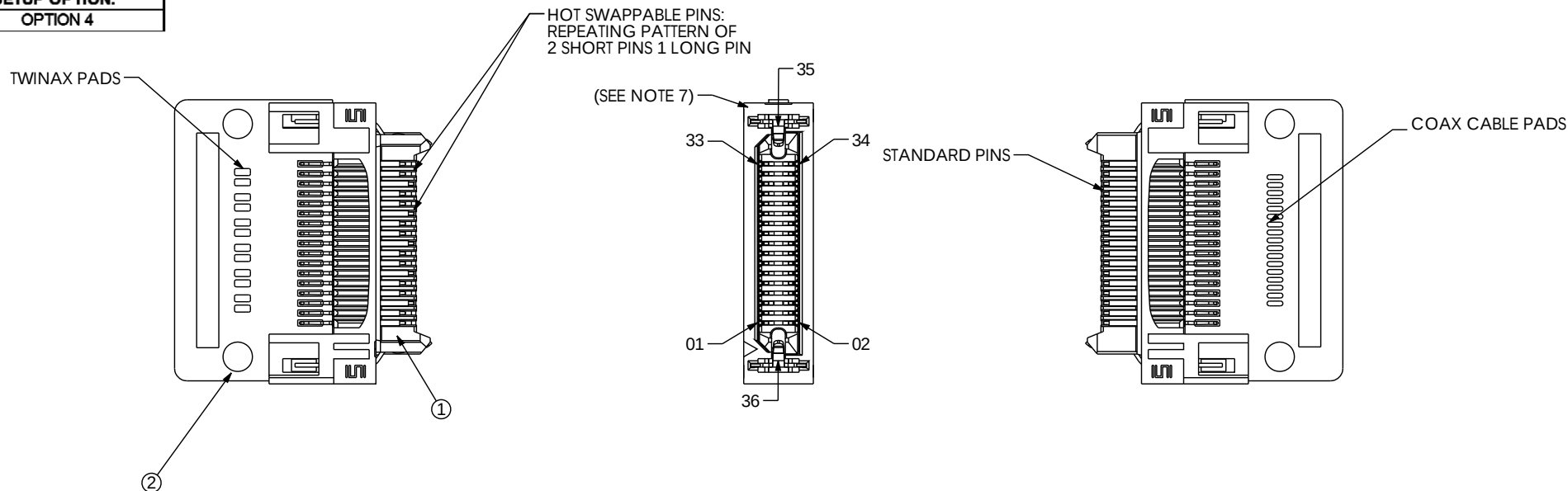
520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code: 55322

J1
SUB-HDR-142118-01**HDR SETUP OPTION:**

NA

PCB SETUP OPTION:

OPTION 4



**LATCHES ARE CONSIDERED
POSITION 35 AND 36
BOTH ARE GROUND

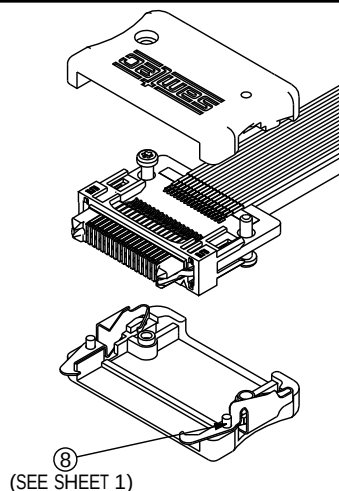
SUB-HDR-142118-01 BOM

ITEM NO.	PART NUMBER	QUANTITY	MATERIAL
1	ASP-137974-01	1	CONNECTOR
2	PCB- 101396-HDR-01	1	PCB

TABLE 1

SIGNAL MAPPING *

J1 (ODD)	SIG/GND	J2 (ODD)	J1 (EVEN)	SIG/GND	J2 (EVEN)
1	SIGNAL (TWIN-AX)	33	2	SIGNAL (COAX)	34
3	SIGNAL (TWIN-AX)	31	4	SIGNAL (COAX)	32
5	GROUND	29	6	SIGNAL (COAX)	30
7	SIGNAL (TWIN-AX)	27	8	SIGNAL (COAX)	28
9	SIGNAL (TWIN-AX)	25	10	SIGNAL (COAX)	26
11	GROUND	23	12	SIGNAL (COAX)	24
13	SIGNAL (TWIN-AX)	21	14	SIGNAL (COAX)	22
15	SIGNAL (TWIN-AX)	19	16	SIGNAL (COAX)	20
17	GROUND	17	18	SIGNAL (COAX)	18
19	SIGNAL (TWIN-AX)	15	20	SIGNAL (COAX)	16
21	SIGNAL (TWIN-AX)	13	22	SIGNAL (COAX)	14
23	GROUND	11	24	SIGNAL (COAX)	12
25	SIGNAL (TWIN-AX)	9	26	SIGNAL (TWIN-AX)	10
27	SIGNAL (TWIN-AX)	7	28	SIGNAL (TWIN-AX)	8
29	GROUND	5	30	SIGNAL (COAX)	6
31	SIGNAL (TWIN-AX)	3	32	SIGNAL (TWIN-AX)	4
33	SIGNAL (TWIN-AX)	1	34	SIGNAL (TWIN-AX)	2
LATCH	GROUND	LATCH	LATCH	GROUND	LATCH



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SHEET SCALE: 2:1

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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: CUSTOM HDR CABLE ASSEMBLY

DWG. NO. HDR-142118-01

BY: Tyler P 8/15/2008 SHEET 2 OF 2