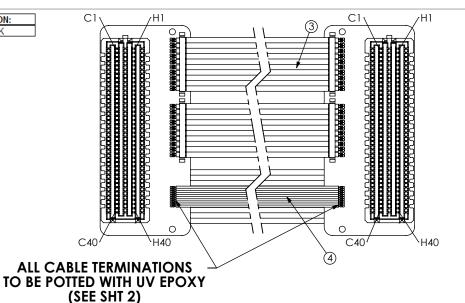
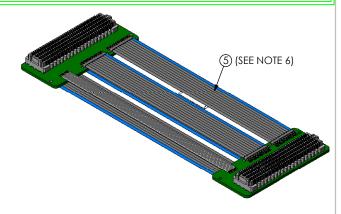


5

HDRL-11







* NON STANDARD LENGTH IS NOT STOCKED

TABLE 1

10.10 [256.5]

19.94 [506.6]

2. © REPRESENTS A CRITICAL DIMENSION.
3. PARTS TO BE PROCESSED PER SAMTEC BOUNDARY DOCUMENT GUIDELINES.

NUMERIC REVISION PRODUCT WILL HAVE ADDITIONAL LABEL INDICATING

6. ITEM 5 TO BE CENTERED ON ITEM 3 AS SHOWN. ITEM 5 TO CONTAIN: LINE 1 - PART NUMBER "HDR-XXXXXX-XX" LINE 2 - SHOP ORDER NUMBER "XXXXXXX" LINE 3 - DATE CODE "XXXXX".

7. FOR PROCESSING INFORMATION ON SUB ASSEMBLIES, REFERENCE

REFERENCE PACKAGING STANDARD CO-HD-WI-3033-M. 9. PANEL PCB-103812-HDR-XX YIELDS (04) PCB-103812-HDR-01 AND (04)

8. FOR SUB-ASSEMBLY AND FINISHED GOOD PACKAGING REQUIREMENTS,

39.63 [1,006.6]

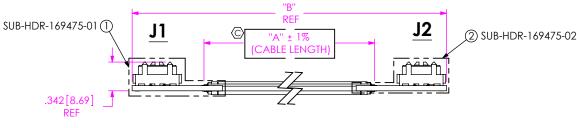
"A"

"B"

11.81 [300.0]

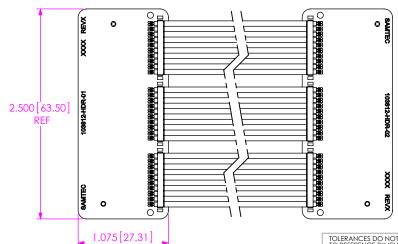
21.65 [550.0]

41.34 [1,050.0]



SELF LA MINATING VINY L

F:\DWG\MISC\MKTG\HDR-169475-XX-MKT.SLDDRW



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

DIMENSIONS ARE IN INCHES. TOLERANCES ARE: DECIMALS **ANGLES** .XX: ±.01[.3] .XXX: ±.005[.XXXX: ±.0020[.051]

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PROPRIETARY NOTE THIS DOCUMENT CONTAINS INFORMATION

C2-D-ET

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PART#

HDR-169475-01

HDR-169475-02

HDR-169475-04*

1. CABLE CONFIGURATIONS IS NOT STANDARD.

"RELEASE FOR LIMITED PRODUCTION".

SUB-HDR-169475-XX TRAVELER.XLS.

PCB-103812-HDR-02 BOARDS

C)4. ALL ASSEMBLIES TO BE 100% ELECTRICALLY TESTED.

(5. ALL ASSEMBLIES TO BE 100% HI-POT TESTED AT 300V.

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

DESCRIPTION:

CUSTOM HDR CABLE ASSEMBLY

DWG. NO.

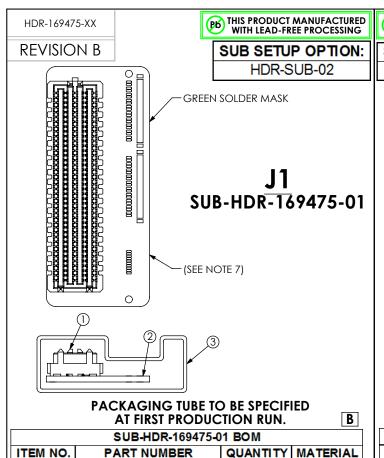
HDR-169475-XX

BY: ANDREW C 05/07/2012 SHEET 1 OF 3

HDR-169475-XX BOM ITEM NO. PART NUMBER DESCRIPTION **QUANTITY** MATERIAL SUB-HDR-169475-01 SUB ASSEMBLY SUB ASSEMBLY 2 SUB-HDR-169475-02 SUB ASSEMBLY SUB ASSEMBLY 3 SUB-TTF-32100-10-01-XX.XX TWINAX CABLE 5 SUB ASSEMBLY SUB-SPL-30-10-02-XX.XX NON SHIELDED CABLE 4 SUB ASSEMBLY

LABEL

REF



ASP-134604-01

PCB-103812-HDR-01

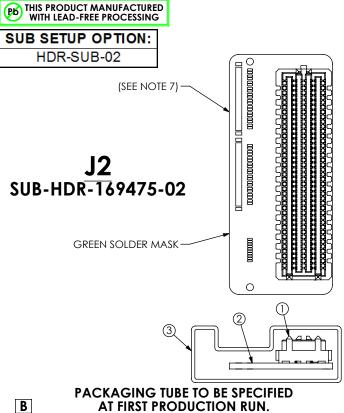
PT-1-24-01-81

TP-28

2

3

4

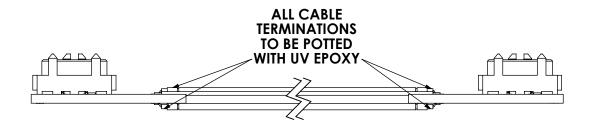


CUB UDB 460475 02 BOM

SUB-HDR-1094/3-02 BOW				
ITEM NO.	PART NUMBER	QUANTITY	MATERIAL	
1	ASP-134604-01	1	TERMINAL	
2	PCB-103812-HDR-02	1	PCB	
3	PT-1-24-01-81	0.04348	TUBE	
4	TP-28	0.08696	PLUG	

TABLE 3				
NET COUNT				
TYPE	NETS	POINTS		
POINT TO POINT	89	178		
GND	1	122		
POWER - 12POV	1	4		
POWER - 3P3V	1	8		
POWER - 3P3VAUX	1	2		
POWER - VADJ	1	4		
POWER - VREF A M2C	1	2		

CRITICAL DIMENSION INSPECTION **INSTRUCTION TABLE IN-PROCESS ASSEMBLY OPERATION** INSPECTION PREP CABLE C3 E-TEST C1, C2



TERMINAL

PCB

TUBE

PLUG

1

0.04348

0.08696

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DESCRIPTION

CUSTOM HDR CABLE ASSEMBLY

DWG. NO.

HDR-169475-XX

SHEET SCALE: 1:1

BY: ANDREW C 05/07/2012 SHEET 2 OF 3

HDR-169475-XX

REVISION B

SIGNAL MAPPING В С D Ε F G Н Κ Α 1 GND PG C2M **GND** NO CONNECT NO CONNECT NO CONNECT NO CONNECT VREF A M20 NO CONNECT NO CONNECT NO CONNECT NO CONNECT DP0 C2M P GND NO CONNECT NO CONNECT CLK1 M2C N PRSNT M2C L NO CONNECT NO CONNEC. NO CONNECT DP0 C2M N NO CONNECT **GND** NO CONNECT NO CONNECT CLK1 M2C P GND NO CONNECT NO CONNECT GBTCLK0 M2C P CLK0 M2C N NO CONNECT NO CONNECT GND NO CONNECT NO CONNECT GND NO CONNECT NO CONNECT 5 NO CONNECT NO CONNECT **GND** GBTCLK0 M2C N NO CONNECT NO CONNECT **GND** CLK0 M2C P NO CONNECT NO CONNECT LA00 P CC **GND** NO CONNECT NO CONNECT DP0 M2C P GND NO CONNECT NO CONNECT NO CONNECT NO CONNECT NO CONNECT DP0 M2C N GND NO CONNECT LA00 N CC LA02 P NO CONNECT NO CONNECT NO CONNECT NO CONNECT LA01 P CC **GND** 8 NO CONNECT NO CONNECT **GND** NO CONNECT NO CONNECT LA02 N NO CONNECT NO CONNECT NO CONNECT NO CONNECT **GND** LA01 N CC NO CONNECT NO CONNECT LA03 P **GND** NO CONNECT NO CONNECT NO CONNECT NO CONNECT LA06 P **GND** NO CONNECT NO CONNECT LA03 N LA04 P NO CONNECT NO CONNECT 11 NO CONNECT NO CONNECT LA06 N LA05 P NO CONNECT NO CONNECT **GND** LA04 N NO CONNECT NO CONNECT NO CONNECT NO CONNECT **GND** LA05 N NO CONNECT NO CONNECT LA08 P **GND** NO CONNECT NO CONNECT NO CONNECT NO CONNECT **GND** GND NO CONNECT NO CONNECT LA08 N LA07 P NO CONNECT NO CONNECT NO CONNECT NO CONNECT LA10 P LA09 P NO CONNECT NO CONNECT **GND** LA07 N NO CONNECT NO CONNEC. 15 LA10 N LA09 N LA12 P GND NO CONNECT LA12 N NO CONNECT **GND** GND NO CONNECT NO CONNECT LA11 P NO CONNECT NO CONNECT 17 **GND** NO CONNECT NO CONNECT LA13 P NO CONNECT NO CONNECT **GND** LA11 N NO CONNECT NO CONNECT 18 NO CONNECT NO CONNECT LA14 P LA13 N NO CONNECT NO CONNECT LA16 P **GND** NO CONNECT NO CONNECT LA14 N GND LA16 N NO CONNECT NO CONNECT NO CONNECT NO CONNECT LA15 P NO CONNECT NO CONNECT 20 NO CONNECT NO CONNECT **GND** LA17 P CC NO CONNECT NO CONNECT **GND** LA15 N NO CONNECT NO CONNECT NO CONNECT NO CONNECT **GND** LA17 N CC NO CONNECT NO CONNECT LA20 P **GND** NO CONNECT NO CONNECT GND LA20 N NO CONNECT NO CONNECT LA18 P CC NO CONNECT NO CONNECT LA19P NO CONNECT NO CONNECT 23 LA23 P **GND** NO CONNECT NO CONNEC NO CONNECT LA18 N CC NO CONNECT NO CONNECT LA19 N NO CONNECT 24 NO CONNECT NO CONNECT **GND** LA23 N NO CONNECT NO CONNECT LA22 P **GND** NO CONNECT NO CONNECT 25 NO CONNECT NO CONNECT GND GND NO CONNECT NO CONNECT LA22 N LA21 P NO CONNECT NO CONNEC. LA27 P 26 NO CONNECT NO CONNECT LA26 P NO CONNECT NO CONNECT **GND** LA21 N NO CONNECT NO CONNECT 27 NO CONNECT LA27 N NO CONNECT LA26 N NO CONNECT NO CONNECT LA25 P **GND** NO CONNECT NO CONNECT 28 NO CONNECT NO CONNECT **GND GND** NO CONNECT NO CONNECT LA25 N LA24 P NO CONNECT NO CONNEC. NO CONNECT NO CONNECT NO CONNECT NO CONNECT **GND TCK** NO CONNECT **GND** LA24 N NO CONNECT 30 TDI NO CONNECT NO CONNECT SCL NO CONNECT NO CONNECT LA29 P GND NO CONNECT NO CONNECT NO CONNECT NO CONNECT NO CONNECT 31 SDA TDO NO CONNECT LA29 N LA28 P NO CONNECT NO CONNECT GND LA28 N NO CONNECT NO CONNECT 3P3VAUX NO CONNECT NO CONNECT **GND** NO CONNECT NO CONNECT 33 **GND** LA31 P NO CONNECT NO CONNECT TMS NO CONNECT NO CONNECT GND NO CONNECT NO CONNECT 34 NO CONNECT NO CONNECT GA0 TRST L NO CONNECT NO CONNECT LA31 N LA30 P NO CONNECT NO CONNECT NO CONNECT **GND** LA30 N NO CONNECT GA1 NO CONNECT NO CONNECT NO CONNECT NO CONNECT **GND** LA33 P **GND** NO CONNECT NO CONNECT NO CONNECT NO CONNECT NO CONNECT NO CONNECT 37 NO CONNECT NO CONNECT 12POV GND NO CONNECT NO CONNECT LA33 N LA32 P NO CONNECT NO CONNECT NO CONNECT NO CONNECT **GND** NO CONNECT NO CONNECT **GND** LA32 N NO CONNECT NO CONNECT 39 NO CONNECT NO CONNECT GND NO CONNECT NO CONNECT VADJ GND NO CONNECT NO CONNECT 40 NO CONNEC. NO CONNECT **GND** NO CONNECT NO CONNECT **GND** VADJ NO CONNECT NO CONNECT

TABLE 2

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DESCRIPTION:

CUSTOM HDR CABLE ASSEMBLY

DWG. NO.

HDR-169475-XX

SHEET SCALE: 1:1

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