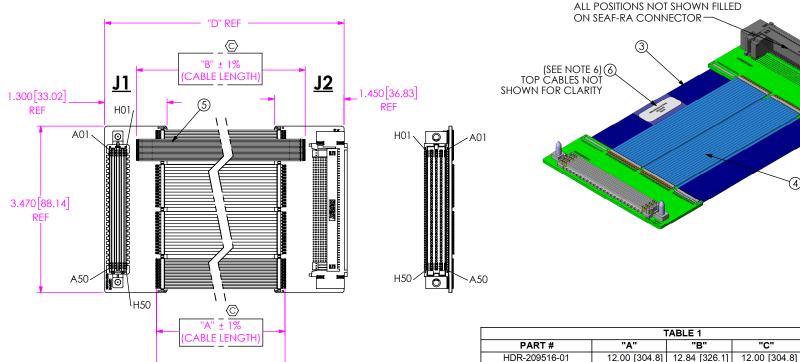
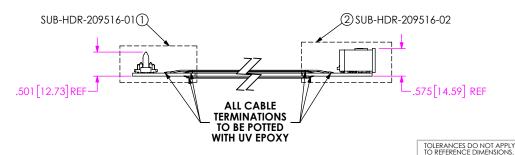


DO NOT SCALE FROM

THIS PRINT

THIS PRODUCT MANUFACTURED WITH LEAD-FREE PROCESSING





24.00 [609.6] 24.84 [630.9] 24.00 [609.6]

- 1. CABLE ASSEMBLY CONFORMS TO VITA 74 19mm STANDARD.
- 3. PARTS TO BE PROCESSED PER SAMTEC WORKMANSHIP GUIDELINES.
 4. ALL ASSEMBLIES TO BE 100% ELECTRICALLY TESTED.
 5. ALL ASSEMBLIES TO BE 100% HLPOT TESTED.
- 5. ALL ASSEMBLIES TO BE 100% HI-POT TESTED AT 300V.
 6. ITEM 6 TO BE CENTERED ON ITEM 3 AS SHOWN. ITEM 6 TO CONTAIN:
- - LINE 1 PART NUMBER "HDR-XXXXXXX-XX"
 - LINE 2 SHOP ORDER NUMBER "XXXXXX"

 - LINE 3 DATE CODE "XXXXX".
- 7. FOR SUB-ASSEMBLY AND FINISHED GOOD PACKAGING REQUIREMENTS, REFERENCE SAMTEC PACKAGING MANUAL.
- 8. REFER TO PREP-SPEC.PDF FOR CABLE PREP DIMENSIONS. ASSEMBLY USES STANDARD PCB PREP.

HDR-209516-XX BOM								
ITEM NO.	PART NUMBER	DESCRIPTION	QUANTITY	MATERIAL				
1	SUB-HDR-209516-01	SUB ASSEMBLY	1	SUB ASSEMBLY				
2	SUB-HDR-209516-02	SUB ASSEMBLY	1	SUB ASSEMBLY				
3	SUB-TCF-3450F-20-01-XX.XX	COAX CABLE	4	SUB ASSEMBLY				
4	SUB-TTF-32100-14-01-XX.XX	TWINAX CABLE	4	SUB ASSEMBLY				
5	SUB-SPL-30-18-02-XX.XX	POWER CABLE	1	SUB ASSEMBLY				
6	HDRI -11	LABE	1	SELE LAMINATING VINYL				

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UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.

ANGLES

TOLERANCES ARE:

.XXXX: ±.0020[.051]

DECIMALS

.XX: ±.01[.3] .XXX: ±.005[.13]

HDR-209516-02

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SHEET SCALE: 1:2



"C"

"D"

14.31 [363.5]

26.31 [668.3]

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DESCRIPTION:

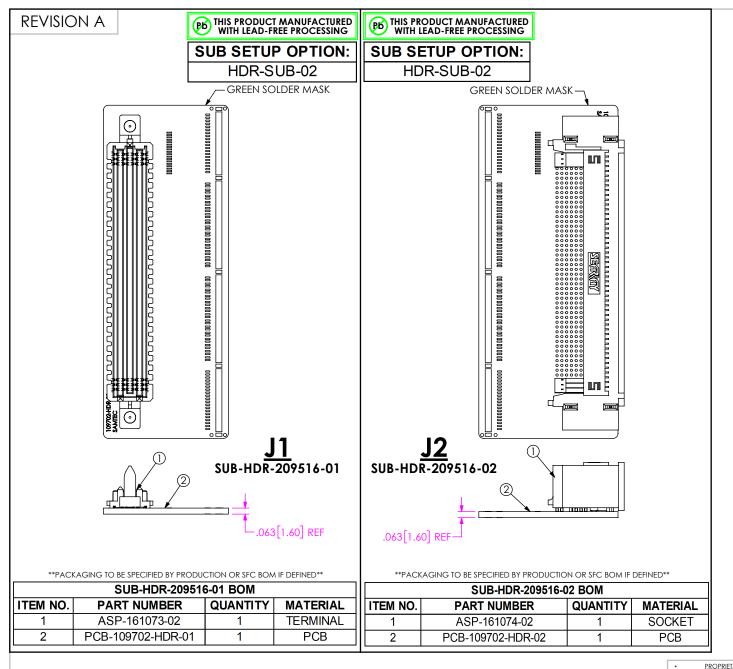
CUSTOM HDR CABLE ASSEMBLY

DWG. NO.

HDR-209516-XX

BY: ADAM H. 12/12/2018 SHEET 1 OF 3

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CUSTOM HDR CABLE ASSEMBLY

DESCRIPTION DWG. NO.

HDR-209516-XX

SHEET SCALE: 1:1

BY: ADAM H. 12/12/2018 SHEET 2 OF 3 REVISION A

TABLE 2 VITA 74.0 19mm PIN DEFINITION								
	ROW A	ROW B	ROW C	ROW D	ROW E	ROW F	ROW G	ROW H
1	GA0	VSBY	GND	GND	VS1	VS1	VS1	VS1
2	GA1	VSBY	GND	GND	VS1	VS1	VS1	VS1
3	GA2	GND	GND	GND	VS2	VS2	VS2	VS2
4	UD	UD	GND	GND	VS2	VS2	VS2	VS2
5	GND	GND	GND	GND	VS3	VS3	VS3	VS3
6	UD	UD	GND	GND	VBAT	UD	VS4	VS4
7	UD	UD	GND	GND	GND	GND	GND	GND
8	GND	GND	12CDATA	12CCLK	NVMRO	UD	RFU	RFU
9	UD	SYSRESET	GND	GND	UD	GND	UD	GND
10	UD	GND	UD	UD	GND	UD	GND	UD
11	GND	UD	GND	GND	RFU	GND	RFU	GND
12	UD	GND	UD	GND	RFU	GND	RFU	GND
13	GND	UD	GND	CLK3_P	GND	CLK1_P	GND	UD
14	UD	GND	GND	CLK3_N	GND	CLK1_N	GND	RFU
15	GND	UD	UD	GND	CLK2_P	GND	CLKO_P	GND
16	RFU	GND	UD	GND	CLK2_N	GND	CLKO_N	GND
17	GND	S1_DP8_P	GND	S1_DP0_P	GND	PCIE_L4_TX_P	GND	PCIE_LO_TX_P
18	GND	S1_DP8_N	GND	S1_DP0_N	GND	PCIE_L4_TX_N	GND	PCIE_LO_TX_N
19	S1_DP9_P	GND	S1_DP1_P	GND	PCIE_L4_RX_P	GND	PCIE_LO_RX_P	GND
20	S1_DP9_N	GND	S1_DP1_N	GND	PCIE_L4_RX_N	GND	PCIE_LO_RX_N	GND
21	GND	S1_DP10_P	GND	S1_DP2_P	GND	PCIE_L5_TX_P	GND	PCIE_L1_TX_P
22	GND	S1_DP10_N	GND	S1_DP2_N	GND	PCIE_L5_TX_N	GND	PCIE_L1_TX_N
23	S1_DP11_P	GND	S1_DP3_P	GND	PCIE_L5_RX_P	GND	PCIE_L1_RX_P	GND
24	S1_DP11_N	GND	S1_DP3_N	GND	PCIE_L5_RX_N	GND	PCIE_L1_RX_N	GND
2 5	GND	S1_DP12_P	GND	S1_DP4_P	GND	PCIE_L6_TX_P	GND	PCIE_L2_TX_P
26	GND	S1_DP12_N	GND	S1_DP4_N	GND	PCIE_L6_TX_N	GND	PCIE_L2_TX_N
27	S1_DP13_P	GND	S1_DP5_P	GND	PCIE_L6_RX_P	GND	PCIE_L2_RX_P	GND
28	S1_DP13_N	GND	S1_DP5_N	GND	PCIE_L6_RX_N	GND	PCIE_L2_RX_N	GND
29	GND	S1_DP14_P	GND	S1_DP6_P	GND	PCIE_L7_TX_P	GND	PCIE_L3_TX_P
30	GND	S1_DP14_N		S1_DP6_N	GND	PCIE_L7_TX_N	GND	PCIE_L3_TX_N
31	S1_DP15_P	GND	S1_DP7_P	GND	PCIE_L7_RX_P	GND	PCIE_L3_RX_P	GND
32	S1_DP15_N	GND	S1_DP7_N	GND	PCIE_L7_RX_N	GND	PCIE_L3_RX_N	GND
33	GND	S2_SE1	GND	S2_SE0	GND	S2_DP1_P	GND	S2_DP0_P
34	S2_SE3	GND	S2_SE2	GND	GND	S2_DP1_N	GND	S2_DP0_N
35	GND	S2_SE5	GND	S2_SE4	S2_DP3_P	GND	S2_DP2_P	GND
36	S2_SE7	GND	S2_SE6	GND	S2_DP3_N	GND	S2_DP2_N	GND
37	GND	S2_SE9	GND	S2_SE8	GND	S2_DP5_P	GND	S2_DP4_P
38	S2_SE11	GND	S2_SE10	GND	GND	S2_DP5_N	GND	S2_DP4_N
39	GND C2. CE1E	S2_SE13	GND	S2_SE12	S2_DP7_P	GND	S2_DP6_P	GND
40	S2_SE15	GND	S2_SE14	GND	S2_DP7_N	GND	S2_DP6_N	GND
41	GND	S2_SE17	GND	S2_SE16	GND	S2_DP9_P	GND	S2_DP8_P
42	S2_SE19	GND S2 SE21	S2_SE18	GND	GND S2 DB11 B	S2_DP9_N	GND S2 DB10 B	S2_DP8_N
43	GND	S2_SE21	GND	S2_SE20	S2_DP11_P	GND	S2_DP10_P	GND
44 45	S2_SE23	GND S2 SE25	S2_SE22	GND S2 SE24	S2_DP11_N	GND S2_DP13_P	S2_DP10_N	GND S2 DB12 B
-	GND S2 SE27	S2_SE25	GND	S2_SE24	GND		GND	S2_DP12_P
46	S2_SE27	GND S2 SE20	S2_SE26	GND	GND S2 DR15 B	S2_DP13_N	GND S2 DD14 D	S2_DP12_N
47	GND S2 SE21	S2_SE29	GND	S2_SE28	S2_DP15_P	GND	S2_DP14_P	GND
48 49	S2_SE31	GND	S2_SE30	GND	S2_DP15_N	GND S2 DR17 R	S2_DP14_N	GND S2 DR16 R
50	GND S2 SE35	S2_SE33 GND	GND S2 SE34	S2_SE32 GND	GND GND	S2_DP17_P S2_DP17_N	GND GND	S2_DP16_P S2_DP16_N
JU	JZ_JEJJ	UND						32_DP 10_IV
	ALL GND ARE COMMON AND TIED TO CABLE SHIELDS CABLE ASSEMBLY IS MAPPED 1-TO-1							
L	E/ DWG/ MICC/ WKTG/ HDR-2005							

VS1 = 6A OVER 6 SPL VS2 = 6A OVER 6 SPL VS3 = 4A OVER 4 SPL VS4 = 1A OVER 1 SPL VBAT = 1A OVER 1 SPL

TABLE 3				
NET COUNT				
TYPE	NETS	POINTS		
POINT TO POINT	187	374		
GND	1	382		
VS1	1	16		
VS2	1	16		
VS3	1	8		
VS4	1	4		

CRITICAL DIMENSION INSPECTION				
INSTRUCTION TABLE				
ASSEMBLY	IN-PROCESS			
OPERATION	INSPECTION			
PREP CABLE	C3, C4, C5			
F-TFST	C1 C2			

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DESCRIPTION:

CUSTOM HDR CABLE ASSEMBLY

DWG. NO.

HDR-209516-XX

SHEET SCALE: 1:1

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