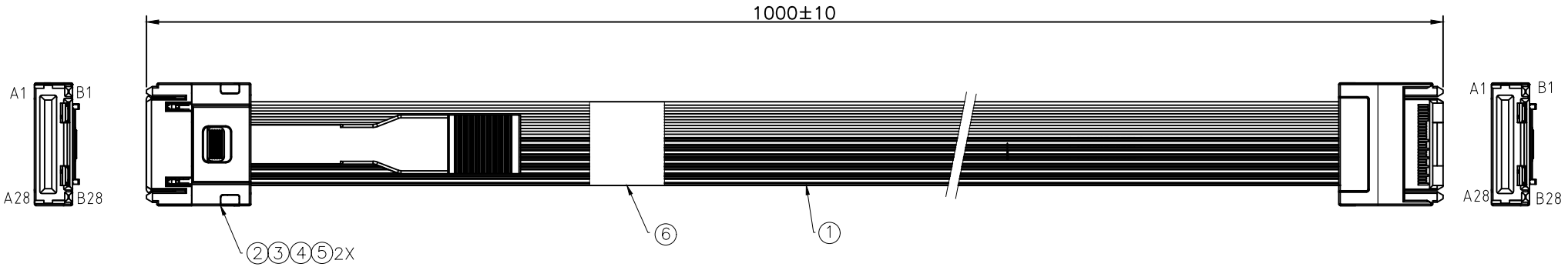
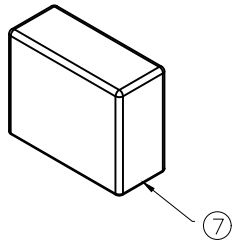
PROPRIETARY INFORMATION
COMPANY CONFIDENTIAL

REV.	ECN. NO.	DESCRIPTION	ENG	DATE
X1		ISSUED	KYLE	12/19/2019





ITEM	NAME	Q'TY	DESCRIPTION	NOTE
7	DUST COVER	2	DUST COVER EDSFF 1C	
6	LABEL	1	WHITE LABEL, 60*30MM(REF)	
5	LATCH	2	LATCH, EDSFF 1C	
4	HOUSING	2	HOUSING, EDSFF 1C	
3	INNER MOLD	2	INNER MOLDING FOR EDSFF 1C	
2	PCB	2	PCB, EDSFF 1C, 85 OHM	
1	SAS CABLE	A/R	PCIe4.0 CABLE 16G 30AWG 85 OHM	

RoHS Compliant

GENERAL TOLERANCE: X ±, .X ± 0.40, .XX ± 0.30, .XXX ± 0.20	ANGLE TOLERANCE: X°± 5.0°, .X°± 3.0°, .XX°± 2.0°, .XXX°± 1.0°	DRAWN: KYLE DATE: 12/19/2019	genesis connected solutions
MATL: SEE BOM		CHECKED DATE	TITLE: Cable Assembly, EDSFF 1C PCIe4.0 85 Ohm
FINISH: SEE BOM		APPROVED DATE	PART NUMBER: 320-10347-01
SCALE: N/A	UNIT: mm		DRAWING NO.: 320-10347 SIZE: A4 REV.: X1
SHEET 1 OF 2			

PROPRIETARY INFORMATION
COMPANY CONFIDENTIAL

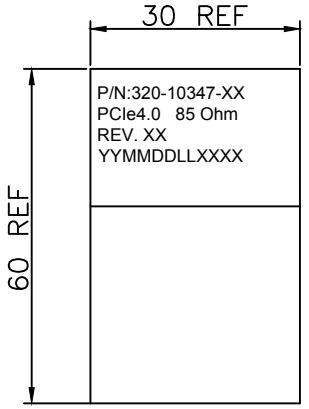
REV.	ECN. NO.	DESCRIPTION	ENG	DATE
---	---	SEE SHEET 1	---	---

WIRING TABLE

P1		P2	
GND	A1	B1	12V
GND	A2	B2	12V
GND	A3	B3	12V
GND	A4	B4	12V
GND	A5	B5	12V
GND	A6	B6	12V
SB	A7	B7	SB
SB	A8	B8	SB
SB	A9	B9	SB
SB	A10	B10	SB
SB	A11	B11	SB
SB	A12	B12	SB
GND	A13	B13	GND
RFCLK1−	A14	B14	RFCLK0−
RFCLK1+	A15	B15	RFCLK0+
GND	A16	B16	GND
Rx0−	A17	B17	Tx0−
Rx0+	A18	B18	Tx0+
GND	A19	B19	GND
Rx1−	A20	B20	Tx1−
Rx1+	A21	B21	Tx1+
GND	A22	B22	GND
RX2−	A23	B23	Tx2−
Rx2+	A24	B24	Tx2+
GND	A25	B25	GND
Rx3−	A26	B26	Tx3−
Rx3+	A27	B27	Tx3+
GND	A28	B28	GND

P1		P2	
12V	B1	A1	GND
12V	B2	A2	GND
12V	B3	A3	GND
12V	B4	A4	GND
12V	B5	A5	GND
12V	B6	A6	GND
SB	B7	A7	SB
SB	B8	A8	SB
SB	B9	A9	SB
SB	B10	A10	SB
SB	B11	A11	SB
SB	B12	A12	SB
GND	B13	A13	GND
RFCLK0−	B14	A14	RFCLK1−
RFCLK0+	B15	A15	RFCLK1+
GND	B16	A16	GND
Tx0−	B17	A17	Rx0−
Tx0+	B18	A18	Rx0+
GND	B19	A19	GND
Tx1−	B20	A20	Rx1−
Tx1+	B21	A21	Rx1+
GND	B22	A22	GND
Tx2−	B23	A23	RX2−
Tx2+	B24	A24	Rx2+
GND	B25	A25	GND
Tx3−	B26	A26	Rx3−
Tx3+	B27	A27	Rx3+
SB	B28	A28	GND

LABEL INFORMATION



FONT: ARIAL
HEIGHT: 2.0mm Min

TEST CONDITIONS:
1. 100% OPEN & SHORT & MISS−WIRING & INTERMITTENCE TEST.
2. CONDUCTIVE RESISTANCE: 3Ω MAX.
3. INSULATION RESISTANCE: 10 MΩ
4. HI−POT TEST: 300VDC FOR 10ms.
5. THIS PRODUCT MEETS PCIe 4.0

RoHS Compliant

A1,A2,A3,A4,A5,A6,A13,A16,A19,A22,A25,A28,
B1,B2,B3,B4,B5,B6,B13,B16,B19,B22,B25,B28 Grounded on PCB

HIGH−SPEED SERIAL DIFFERENTIAL PAIRS
SIGNAL RETURN
SIDEBAND SIGNAL

GENERAL TOLERANCE: X ±, .X ± 0.40, .XX ± 0.30, .XXX ± 0.20	ANGLE TOLERANCE: X°± 5.0°, .X°± 3.0°, .XX°± 2.0°, .XXX°± 1.0°	DRAWN: KYLE	DATE: 12/19/2019
MATL: SEE BOM		CHECKED	DATE
FINISH: SEE BOM		APPROVED	DATE
SCALE: N/A	UNIT: mm		
SHEET 2 OF 2			

genesis connected solutions

TITLE: Cable Assembly, EDSFF 1C PCIe4.0 85 Ohm

PART NUMBER: 320-10347-XX

DRAWING NO.: 320-10347

SIZE: A4

REV.: X1