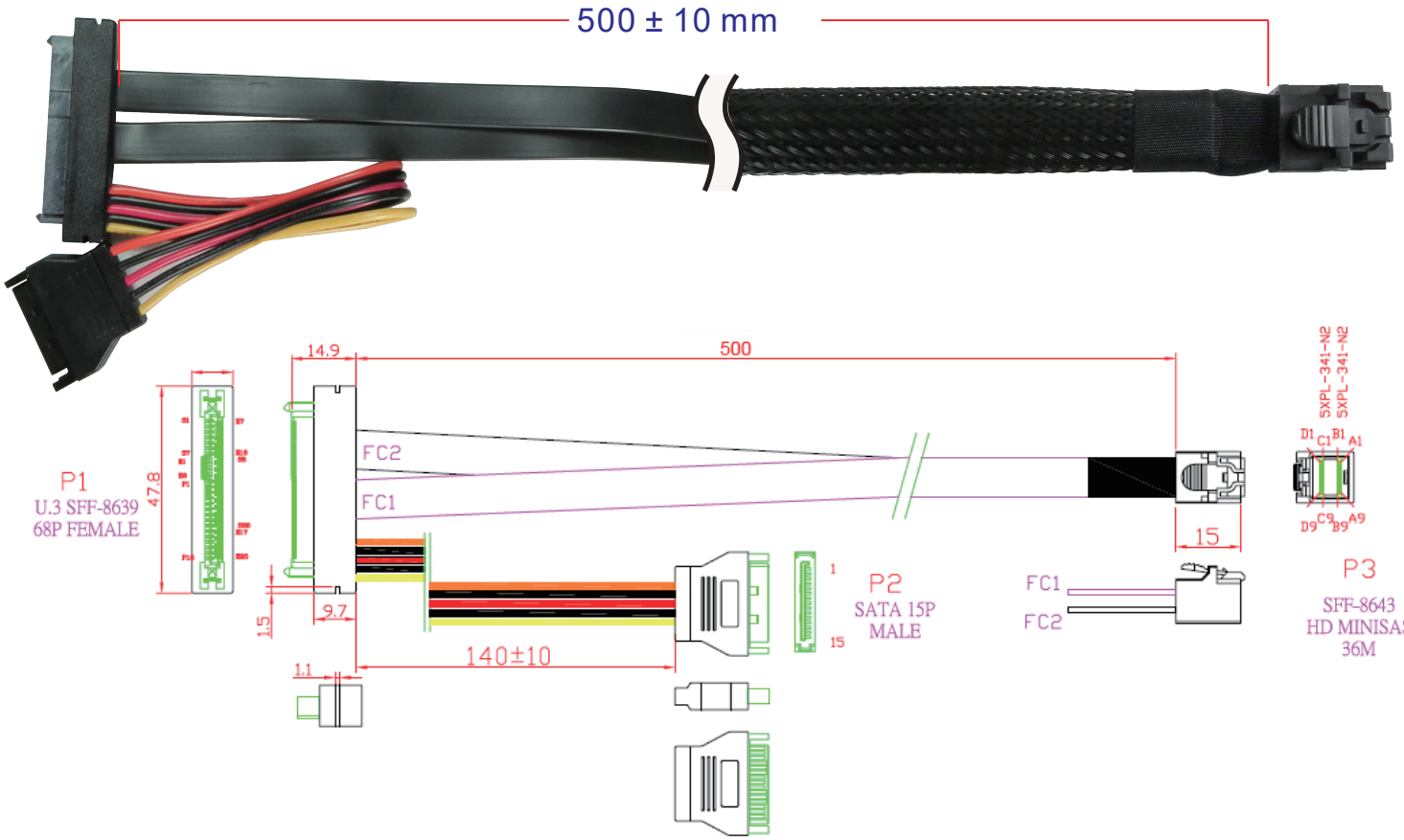
Model No.: RHS36- 0591

U.3 female (SFF-8639) to mini SAS HD (SFF-8643)



Pin-out assignment

P1/U.3(SFF-8639)

REFCLK+	E7
REFCLK-	E8
Ground	E9
	E10
	E11
Ground	E12
	E13
	E14
Ground	E15
HPT1	E16
Ground	S8
PET p1	S9
PET n1	S10
Ground	S11
PER n1	S12
PER p1	S13
Ground	S14
Ground	S15
Ground	S16
PET p2	S17
PET n2	S18
Ground	S19
PER n2	S20
PER p2	S21
Ground	S22
PET p3	S23
PET n3	S24
Ground	S25
PER n3	S26
PER p3	S27
Ground	S28
	E17
	E18
Ground	E19
	E20
	E21
Ground	E22
SMBCLK	E23
SMBDAT	E24
DualPortEn	E25

P3/SFF-8643

A1	CLK+
A2	CLK-
C3	GND
C9	GND
C6	GND
D3	GND
C4	TX1+
C5	TX1-
A5	RX1-
A4	RX1+
D6	GND
D7	TX2+
D8	TX2-
B8	RX2-
B7	RX2+
C7	TX3+
C8	TX3-
A8	RX3-
A7	RX3+
D2	SMB_CLK
D1	SMB_DAT
D9	GND

P1

Ground	S1
PET p0	S2
PET n0	S3
Ground	S4
PER n0	S5
PER p0	S6
Ground	S7
+3.3V Aux	E3
PERSTB#	E4
PERST#	E5
WAKE#	P1
Reserved	P2
PWRDIS	P3
IfDet#	P4
Ground	P5
Ground	P6
	P7
	P8
	P9
PRSNT#	P10
LED_ACT(OPT)	P11
Ground	P12
+12V Precharge	P13
+12V	P14
+12V	P15

P3

B3	GND
D4	TX0+
D5	TX0-
A3	GND
B5	RX0-
B4	RX0+
B6	GND
B9	GND
B1	PERST
C2	C_WAKE#
B2	CLKREQ
A6	GND
A9	GND
C1	LED_ACT(OPT)

P1	E3	P13	P7	S19	S28
P2	P1.P2.P3	P13.P14.P15	P7.P8.P9	P4.P5.P6	P10.P11.P12
SYMBOL	+3.3V Aux	+12V	+5V	GND	GND