

NOTES:
 1.High Frequency Characteristic:
 1-1 Impedance :100±15 ohm (Mated Connector)
 1-2 Attenuation:6 dB Max.(10MHz~4500MHz)
 1-3 Crosstalk(NEXT):-26 dB Max.(10MHz~4500MHz)
 1-4 Intra Pair Skew: 10 ps Max.
 1-5 Rise Time : 85 ps Max.

2. Cable Assembly Test Condition:
 2-1 Open / Short :100%
 2-2 Insulation Resistance :10M ohm
 2-3 Contact Resistance: 1 ohm
 2-4 Hipot : DC 300V

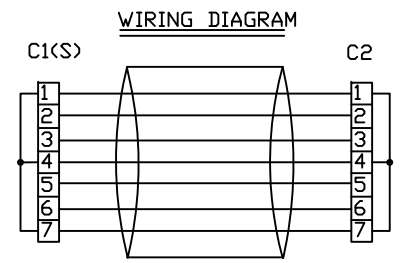
3. Compliant Test Report:
 3-1 Refer to serial ATA Product Specification

4.0 Recommend:
 4.1 Using equipment: TORQUE DRIVER FTD120CN (TOHNICHI)
 4.2 Torque spec: < 50 cN m.
 4.3 Screw spec: M3.0 screw
 4.4 Adding washer is possible.

5. RoHS Compliant

ORDER INFORMATION:
 GTI07-50078- XXX - XXX
 1. 2.

1. XXX = L1 LENGTH:
 XXX= 050, L1= 50mm
 to
 XXX= 999, L1= 999mm
 2. XXX = L2 LENGTH:
 XXX= 050, L2= 50mm
 to
 XXX= 999, L2= 999mm



P3	1	2	3	4
C1<P>	13 14 15	4 5 6	10 11 12	7 8 9
COLOR	YELLOW	BLACK	BLACK	RED

11.	WIRE		UL1007 18AWG BLACK
10.	WIRE		UL1007 18AWG RED
9.	WIRE		UL1007 18AWG YELLOW.
8.	CABLE		SATA CABLE UL 2725(26AWG*1P+AL)*2+28AWG*4D RED JACKET
7.	PVC	8g	45P BLACK PVC
6.	PE	3g	PE
5.	TERMINAL	4PCS	3.96mm TERMINAL TIN-PLATING.
4.	HOUSING	1PC	3.96mm HSG 1*4P CLARITY
3.	LATCH	1PC	SATA RECEPTACLE LATCH
2.	SATA CONN	1PC	SATA SIGNAL RECEPTACLE CRIMP TYPE WITH LATCH CONNECTOR
1.	SATA CONN	1PC	SATA SIGNAL+POWER REC.CRIMP TYPE CONNECTOR
NO.	DESCRIPTION	Q'TY	MATERIAL

E	ADD SATA CONN DIM	VICKY	02/24/10	TOLERANCE	
D	REVISED THE DRAWING	VICKY	12/11/09	LINEAR	ANGLES
C	REVISED THE DRAWING	VICKY	20/05/08	X±	X°±
B	CHANGE DRAWING	Bolin	22/04/08	.X±0.25	.X°±
A	ISSUED	Bolin	14/03/08	.XX±0.15	.XX°±
REV	ECN NO.	NAME	DATE	.XXX±0.05	.XXX°±

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TITLE: SATA SIGNAL AND POWER			
PART NO. GTI07-50078-XXX-XXX			
DWG NO. GTI07-50078			
UNITS	SCALE	SHEET	REV
MM	NONE	1 OF 1	E