

NOTES:

1.CABLE:

CONDUCTOR: 26AWG, SOLID SILVER, PLATED CU ON PAIR #1 & #2.

INSULATION: CELLULAR POLYOLEFIN.

SHIELD: FOUR 28AWG SOLID DRAIN WIRES ON PAIR #1 & #2, AND WRAPPED WITH ALUMINUM POLYESTER TAPE.

OVER JACKET: PVC SEMI-TRANSPARENT, COLOR IN RED, OD: 1.93mm X 7.3mm

2.ELECTRICAL:

DIFFERENTIAL IMPEDANCE: 100 +/-5 OHM @TDR

CAPACITANCE: 12PF/FT NOM.

RISE TIME: 85PS MAX.

PROPAGATION DELAY SKEW: 10PS MAX.

CABLE PAIR MATCHING: +/-5.

COMMON MODE IMPEDANCE: 58 +/-10% OHM.

3.CONNECTOR: P1,P2 SERIAL ATA 7PIN FEMALE WITH GOLD PLATING.

4.FINISHED CABLE ASSEMBLY TESTING CONDITION

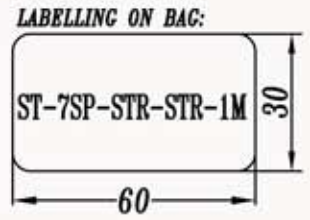
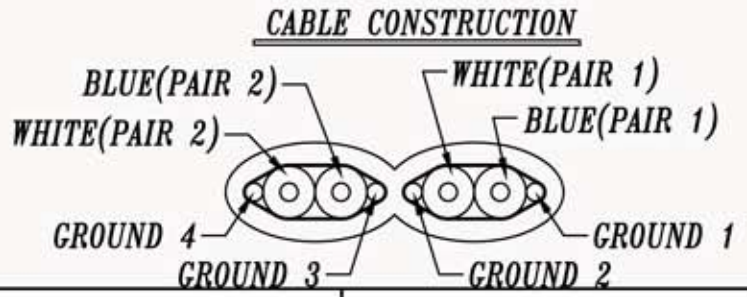
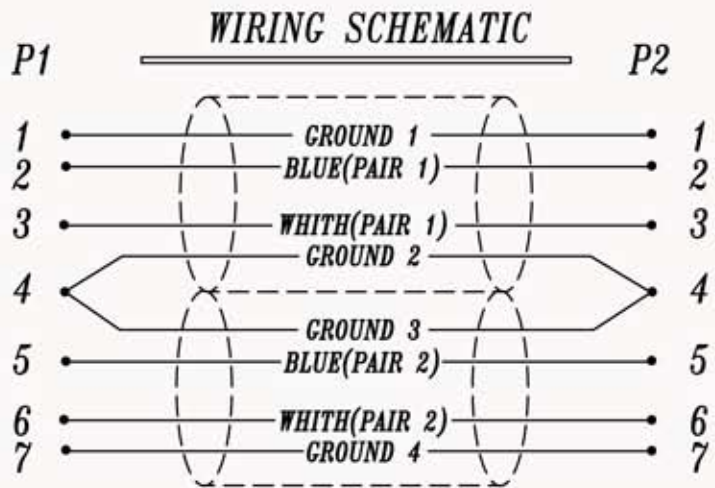
(1).HI-POT TEST: 300V DC FOR 100MSEC AT 100 MOHMS FOR OPEN, SHORTS AND MISWIRES.

(2).EYE-PATTERN TEST: (TESTER: PATTERN GENERATOR)

A. DATA RATE: 1.5 GIGABITS/SEC.

B. INPUT SINGAL : 150 PS RISE TIME.

C. EYE-PATTERN MASK: 400MV*616PS.



P/N: ST-7SP-STR-STR-XX

Desc. : 7 pin SATA - 7 pin SATA, straight,