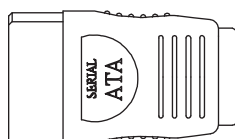
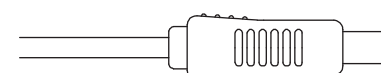
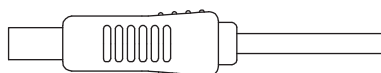


P1

P2



Pin Assignment

Diagram of a 7-wire cable with P1 and P2 connectors. The connections are as follows:

P1	Wire	P2
1	GND	1
2		2
3		3
4		4
5		5
6		6
7	GND	7

Pins 1, 3, 5, and 7 are labeled GND. Pin 4 is highlighted with a red box.

Material:

- Cable: UL2725 [26AWG(1/0.404)*2+D(1/0.32)*2+AL]*2F
 - OD 2.2*7.8MM
 - Jacket Red (RD-16#)
- P1 & P2 Connectors: Serial ATA 7-pin/Female Crimp Type
 - Pin 15μ"
 - Insulator Black
- Jacket: PVC 45P, Black
- Unplug/Plug cycles is 50 times

Electrical:

- 100% Open, Short, MisWire Test
- Contact Resistance: 1Ω Min.
- Insulation Resistance: 10MΩ Min.
- Hi-Pot 300V DC/0.1 Sec

Unit: MM±0.25MM

Scale	1:1							Name
TOLERANCE						Drawn	12.29.11	Chappel
X.X	±0.40					Approved		
X.XX	±0.25							
X.XXX	±0.15							
Angle	±3°					 		
			Modification	Date	Name			



Item No.	Item Description	Unit	Quantity	Rate	Amount
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AK-SATA-030-R

Title	Serial ATA (SATA) Connection Cable - 0.30 Meter
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Drawing No.

rev00

Replace

Sheet
