



### PIN ASSIGNMENT

P1(PP)	P3	P1(SP)	P2
01+02+03 NC		1 GND	1
13+14+15 Yellow 1		2	2
10+11+12 Black 2		3 GND	3
04+05+06 Black 3		4	4
07+08+09 Red 4		5	5
		6	6
		7 GND	7

Ordering Information:

② AK-SATA-SP-xxx

050 : L= 500mm  
075 : L= 750mm  
100 : L= 1000mm

NO.	NAME.	Q'TY	SPECIFICATION
⑧	PE bag	1	Clear Print black "MADE IN CHINA"+ "1PC"
⑦	Innermold	N/A	White PE
⑥	Overmold	N/A	Black PVC 45P
⑤	P3 Conn.	1	Big 4P Female/housing PH=5.08mm White Tin plate(with 4pcs terminal)
④	P2 Conn.	1	SATA 7P/F Crimp type terminal:15u" Insulator: Black PBT
③	P1 Conn.	1	SATA 7/F+15P/F Crimp type terminal:15u" Insulator: Black PBT
②	Cable	1	UL1007 18AWG(34/0.18TC) OD: 2.0mm Jacket:black*2/Yellow/Red
①	Cable	1	UL2725(26AWG(1/0.404)*2+D(1/0.32)*2+AL)*2F OD:2.2x7.8 Jacket: Red

Electrical test:

- Hi-Pot test: DC300V/10ms
- Conduct resistance: 2Ω max.
- Insulator resistance: 5MΩ min.
- 100% open, short, miswire test

**RoHS compliant**  
Unit: mm

Scale	Free					Date	Name	Customer-No.
TOLERANCE						Drawn	26.08.2014	Joanna
X.	±1					Approved	19.07.2017	Fred
X.X	±0.20							
		②	Change Module shape and add length type	19.07.2017	Fred			ASSMANN WSW-No. <b>AK-SATA-SP-xxx</b>
DIM	TOL	①	Update the drawing	18.08.2015	Amy			Drawing-No. <b>ASS 7213 CA</b>
		①	Drawn	26.08.2014	Joanna			rev02
Angle	TOL	Id.	Modification	Date	Name			Replace
								Sheet