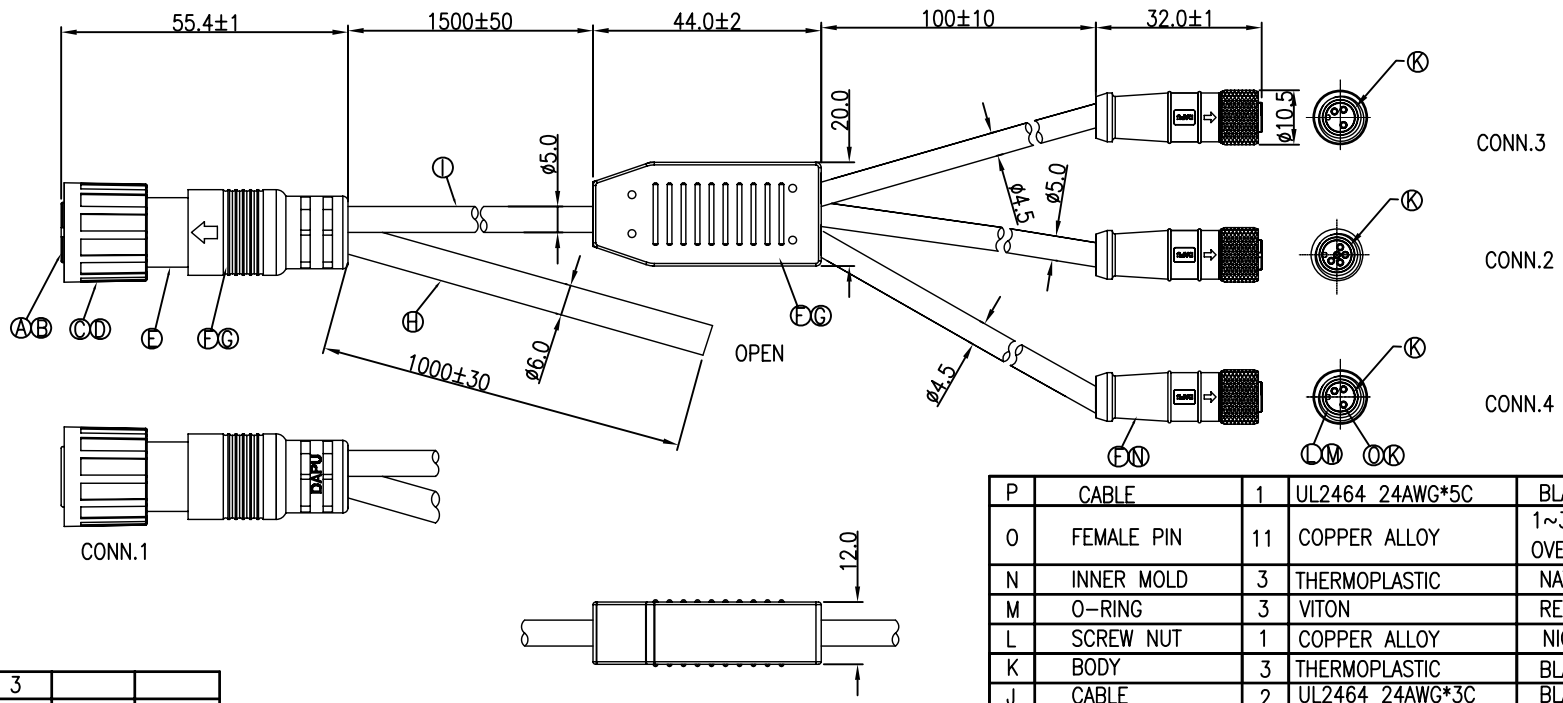
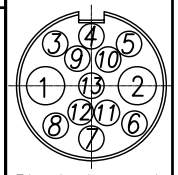
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO:S130617-7C	Harlen	2013.11.15



11	WHITE(24AWG)	3		
10	GRAY(24AWG)	2		
9	PINK(24AWG)		2(RED)	2(RED)
8	BROWN(24AWG)		1(BLUE)	1(BLUE)
7	BLACK(24AWG)	5	3(BLACK)	3(BLACK)
6	RED(24AWG)	4		
3	YELLOW(24AWG)	1		
2	BLACK(16AWG)			
1	RED(16AWG)			
CONN.1	WIRE COLOR	CONN.2	CONN.3	CONN.4

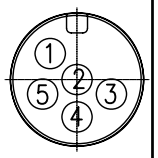
PIN OUT

CONN.1



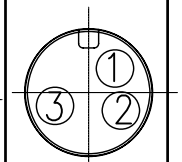
Pin Assignments Front View

CONN.2



Pin Assignments Front View

CONN.3/4



Pin Assignments Front View

NOTES:

1. ELECTRICAL CHARACTERISTICS:
   1-1 CURRENT RATING: 15 AMPS(CONN.1 Pin1or Pin2)
   2 AMPS(OTHERS)
   1-2 CONTACT RESISTANCE: 3 Ohm Max.
   1-3 INSULATION RESISTANCE: 100 MOhm Min. at 500VDC
   1-4 BREAKDOWN VOLTAGE: 500 VAC PER MINUTE
2. MECHANICAL CHARACTERISTICS:
   2-1 TIGHTENING TORQUES: 0.6~0.8Nm(5.3~7.0lbs.in)
3. ENVIRONMENTAL:
   3-1 OPERATING TEMPERATURE: -20° TO +80°
   3-2 SEALING REQUIREMENTS: IP65
4. LIFE TEST: 1,000 CYCLES MIN.
6. OTHER GENERAL SPEC. TO REFER"CIRCULAR SERIES GENERAL SPEC".
7. FOR TECHNICAL DATA REFER TO YOUR LOCAL SINGATRON ELECTRONICS SALES OFFICE
8. ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED
9. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC
10. GREEN PRDUCT IDENTIFICATION LABEL ON PACKAGINGSEAL G.P. PASS

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
P	CABLE	1	UL2464 24AWG*5C	BLACK(PVC JACKET)
O	FEMALE PIN	11	COPPER ALLOY	1~3u" GOLD FLASH OVER NICKEL PLATING
N	INNER MOLD	3	THERMOPLASTIC	NATURAL
M	O-RING	3	VITON	RED
L	SCREW NUT	1	COPPER ALLOY	NICKEL PLATING
K	BODY	3	THERMOPLASTIC	BLACK
J	CABLE	2	UL2464 24AWG*3C	BLACK(PVC JACKET)
I	CABLE	1	UL2464 24AWG*7C	BLACK(PVC JACKET)
H	CABLE	1	UL2464 16AWG*2C	BLACK(PVC JACKET)
G	OVER MOLD	2	THERMOPLASTIC	BLACK
F	INNER MOLD	2	THERMOPLASTIC	BLACK
E	COPPER SLEEVE	1	COPPER ALLOY	BLACK NICKEL
D	SCREW NUT	1	THERMOPLASTIC	BLACK
C	O-RING	1	SILICONE	NATURAL
B	FEMALE PIN	13	COPPER ALLOY	1~3u" GOLD FLASH OVER NICKEL PLATING
A	BODY	1	THERMOPLASTIC	BLACK

UNLESS OTHERWISE SPECIFED TOLERANCES

DECIMALS: X :±0.5, X.X :±0.3, X.XX :±0.2

ANGLES: X :±2°, X.X :±1°

Singatron Enterprise Co., Ltd.
信音企業股份有限公司

TITLE	E-BIKE SIZE (IP65) FEMALE CONNECTOR FEMALE (2+11)PIN SOLDER TYPE,PVC CBALE		
DWN	Harlen	PART NO.2EB3005-W13B01H	
CHKD	JF	SCALE 2:1	UNIT: mm
APVD	QUAN	SIZE: A3	SHEET:1 OF 1 REV:A

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文件編號:RD-06-043-A