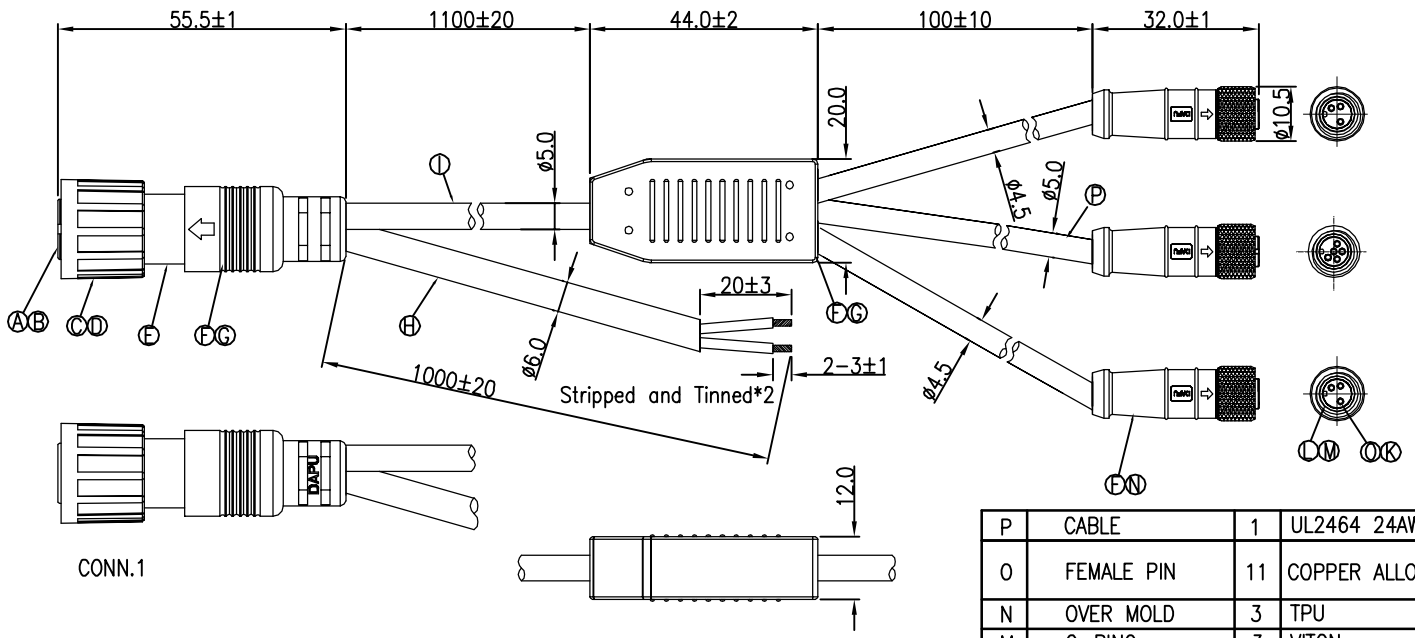
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO.:S140701-3B	Vicky	2014.07.24

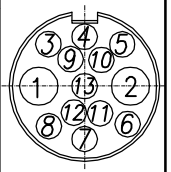


P	CABLE	1	UL2464 24AWG*3C	BLACK(PVC JACKET)
O	FEMALE PIN	11	COPPER ALLOY	1~3u" GOLD FLASH OVER NICKEL PLATING
N	OVER MOLD	3	TPU	NATURAL
M	O-RING	3	VITON	RED
L	SCREW NUT	1	BRASS	NICKEL PLATING
K	BODY	3	PPE	BLACK
J	CABLE	2	UL2464 24AWG*3C	BLACK(PVC JACKET)
I	CABLE	1	UL2464 24AWG*7C	BLACK(PVC JACKET)
H	CABLE	1	UL2464 16AWG*2C	BLACK(PVC JACKET)
G	OVER MOLD	2	PVC	BLACK
F	INNER MOLD	2	PVC	BLACK
E	COPPER SLEEVE	1	BRASS	BLACK NICKEL PLATING & COLOR
D	SCREW NUT	1	PA66+GF	BLACK
C	O-RING	1	SILICONE	NATURAL
B	FEMALE PIN	13	COPPER ALLOY	1~3u" GOLD FLASH OVER NICKEL PLATING
A	BODY	1	PA66+GF	BLACK
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR

	CONN.1	CONN.2	CONN.3	CONN.4
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)			

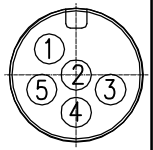
PIN OUT

CONN.1



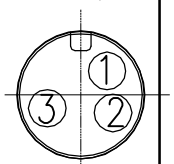
Pin Assignments Front View

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"M16 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

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) CONN.		
DWN	Vicky	PART NO.2EB3005-W13B09H	
CHKD	Harlen	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