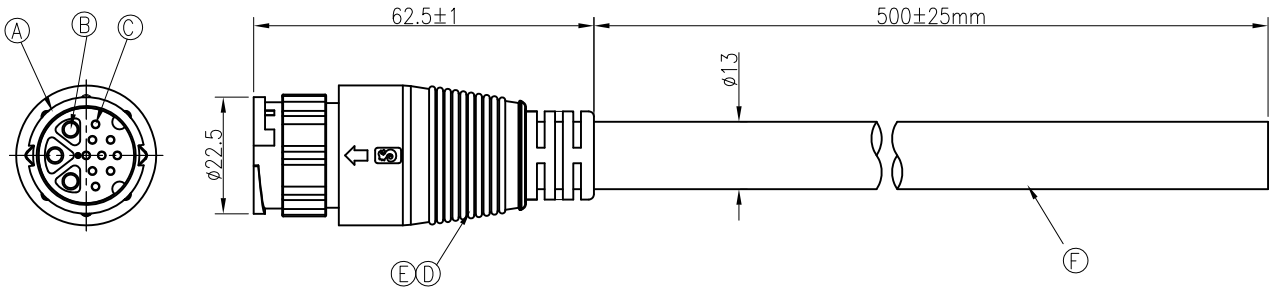
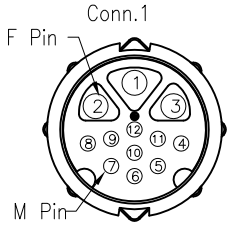
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO.:C100519-6A	joe-liao	2010.05.17
B	ECN NO:S100731	Harlen	2010.08.02



Conn.1	Wire Color		
12	Drain	(24AWG)	
11	Brown	(24AWG)	Twist
10	Brown/White	(24AWG)	
9	Blue	(24AWG)	Twist
8	Blue/White	(24AWG)	
7	Green	(24AWG)	Twist
6	Green/White	(24AWG)	
5	Orange	(24AWG)	Twist
4	Orange/White	(24AWG)	
3	Blue	(12AWG)	
2	Brown	(12AWG)	
1	Green/Yellow	(12AWG)	

(Cat.5e)

Pin Out



Pin Assignments
Front View 前視圖

NOTES:
1. WATERPROOF RATE: IP67(WHEN PROPERLY MATED)
   IP67: IMMERSED IN 1M WATER FOR 30 MINUTES
2. CURRENT RATING: 5A+20A
3. SPECIFICATIONS:SEE "CIRCULAR SERIES SPECIFICATIONS".
4. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
5. GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING: G.P. PASS

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
F	CABLE	1	NOUL 12#*3C+F+P+ (24#*4P+M+D+AL) UV RESISTANT	BLACK(PVC JACKET)
E	INNER MOLD	1	TPU	NATURAL
D	OVER MOLD	1	PVC	BLACK
C	MALE PIN	9	Brass(Hbi59-1.5B)	6u" GOLD PLATING OVER NICKEL PLATING
B	FEMALE PIN	3	Phosphor Bronze	1~3u" GOLD PLATING OVER NICKEL PLATING
A	BODY	1	NYLON+GF	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	CIRCULAR LARGE SIZE (IP67) FEMALE CONN. FEMALE 12 PIN(5+20A) LOCK TYPE			
DWN	Harlen	PART NO.2CG3024-W12F01		
CHKD	Steve	SCALE 1:1	UNIT: mm	
APVD	Tony	SIZE: A3	SHEET:1 OF 1	REV: B

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文件編號 RD-06-043-A