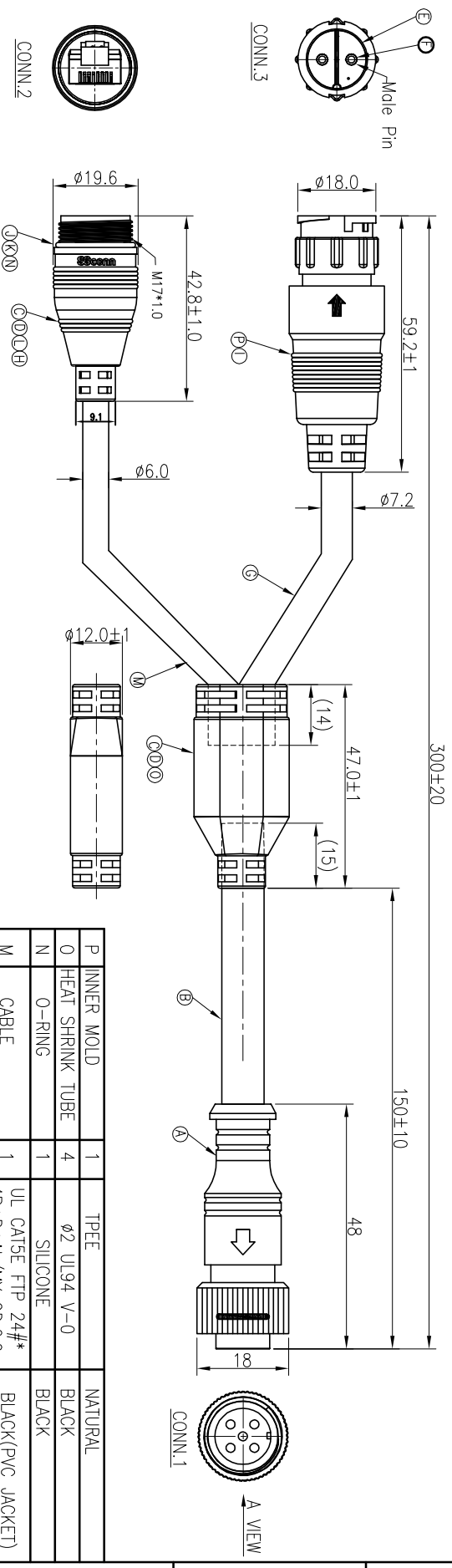


REV.	ECN NO. OR DESCRIPTION	REVISED	DATE
A	PDR NO.:A190219-3A	JAY	2019.12.20



CONN.1 WIRE COLOR	CONN.2 WIRE COLOR	CONN.3 WIRE COLOR
1 BLUE	N/A	N/A
2 YELLOW	ORANGE/WHITE(DMX-)	N/A
3 GREEN	ORANGE(DMX+)	N/A
4 RED	N/A	BROWN
5 BLACK	GREEN/WHITE(GND)	BLUE

PIN OUT

NOTES:  
1 ELECTRICAL CHARACTERISTICS:  
1-1 CONDUCTOR RESISTANCE: 0.2 Ohm Max.(Conn.1 TO Conn.3),  
0.5 Ohm Max.(Conn.1 TO Conn.2)

1-2 INSULATION RESISTANCE: 100 MOhm Min. at 500VDC.

1-3 BREAKDOWN VOLTAGE: 500 VAC PER MINUTE.

1-4 CURRENT RATING:  
125V DC/1A(CONN.2)  
250V AC/DC 10A(CONN.3)

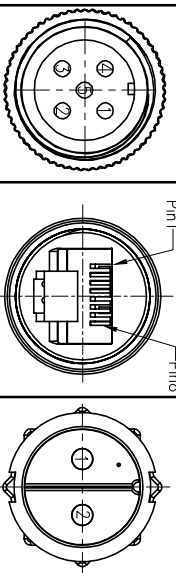
ENVIRONMENTAL:  
2-1 OPERATING TEMPERATURE: -40°C TO +105°C.

2-2 SEALING REQUIREMENTS: IP66&IP67.

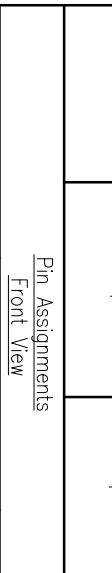
3. SPECIFICATIONS:SEE "QUICK SERIES GENERAL SPEC".

4. GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING:

5. Unleaded tin wire must be used for soldering



Pin Assignments  
Front View



NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
A	MALE CONN.	1	M16B FEMALE CONN.	N/A
B	CABLE	1	N/A	N/A
C	OVER MOLD	2	TPEE	BLACK
D	INNER MOLD	2	TPEE	NATURAL
E	BODY	1	NYLON+GF	BLACK
F	MALE PIN	2	BRASS	(1~3)u" GOLD PLATING OVER NICKEL PLATING
G	CABLE	1	UL21996 17#*2C+P+ 24#*1P(UV) 0D7.2	BLACK (PVC JACKET)
H	LIQUID GLUE	1	N/A	BLACK
I	OVER MOLD	1	TPEE	BLACK
J	HOUSING	1	PC EXL 9330	N/A
K	RJ45+PCB	1	N/A	BLACK
L	UV GLUE	1	N/A	NATURAL
M	CABLE	1	UL CAT5E FTP 24#* 4P+D+AL/RY 0D:6.0	BLACK(PVC JACKET)
N	O-RING	1	SILICONE	BLACK
O	HEAT SHRINK TUBE	4	ø2 UL94 V-0	BLACK
P	INNER MOLD	1	TPEE	NATURAL

UNLESS OTHERWISE SPECIFIED TOLERANCES

DECIMALS: ANGLES:

X :±0.5 X :±2

XX :±0.3 XX :±1

XXX :±0.2

Singatron Enterprise Co., Ltd.  
信譽企業股份有限公司

CIRCULAR STANDARD SIZE (quick type)

TITLE DWG JAY PART NO.2QT3030-W04847H

CHKD Cerry SCALE 1:1 UNIT: mm

APVD William SIZE: A3 SHEET:1 OF 1 REV: A

CUSTOMER COPY