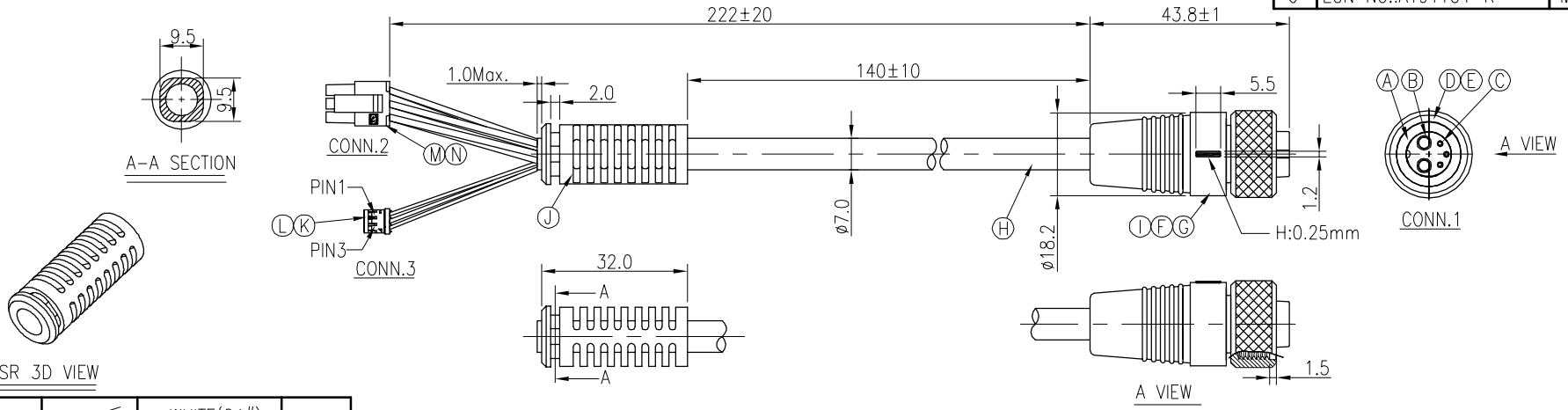
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO.:T170605-5B	JF	2017.11.14
B	ECN NO.:S180115-C	Jun	2018.01.10
C	ECN NO.:A191104-R	MF	2019.12.13



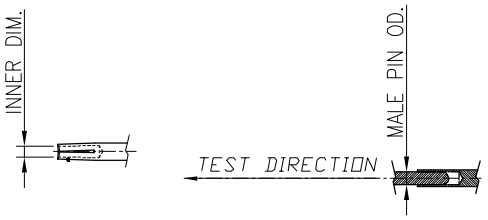
CONN.3	CONN.2	WIRE COLOR	CONN.1
3		WHITE(24#)	4
2		BLUE(24#)	3
1		GREEN(24#)	2
	6	YELLOW(22#)	5
	5	GREY(22#)	5
	4	BLACK(22#)	5
	3	ORANGE(22#)	1
	2	BROWN(22#)	1
	1	RED(22#)	1

PIN OUT

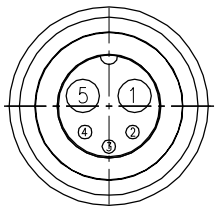
NOTES:
1. ELECTRICAL CHARACTERISTICS
   TEMPERATURE RANGE: -20°C TO +80°C
   CURRENT RATING: 20A+1A
2. SPECIFICATIONS:SEE "CIRCULAR SERIES SPECIFICATIONS".
3. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
4. GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING: G.P. PASS

△C 5. DETERMINE OF FEMALE PIN OPENING :
POWER PIN (PIN 1 & PIN 5)
INNER DIMENSIONS: 2.18 ±0.15
FOR MALE PIN CLAMPING FORCE: 420g Min.
(MALE PIN OD. ø2.40±0.02)

SIGNAL PIN (PIN 2 ~ PIN 4)
INNER DIMENSIONS: 0.57 ±0.1
FOR MALE PIN CLAMPING FORCE: 30g Min.
(MALE PIN OD. ø0.80±0.02)

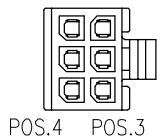


CONN.1



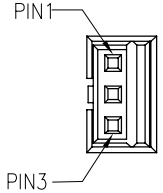
PIN ASSIGNMENTS
FRONT VIEW

CONN.2



PIN ASSIGNMENTS
FRONT VIEW

CONN.3



PIN ASSIGNMENTS
FRONT VIEW

NO	DESCRIPTION	P/N	QTY	MATERIAL	PLATING & COLOR
N	TERMINAL 2	4TRMOX-4303001	6	PHOSPHOR BRONZE	TIN-PLATED
M	HOUSING 2	4HSMOX-4302503	1	MOLEX 43025-0600	BLACK
L	TERMINAL 1	4TRACE-9120301	3	PHOSPHOR BRONZE	GOLD FLASH
K	HOUSING 1	4HSACE-5029403	1	ACES 50294-003	WHITE
J	SR	MPVC60-000AE3	1	PVC	BLACK
I	SHIELD	4CT3505-W00056	1	BRASS	BLACK NICKEL PLATING SALT SPRAY 48H
H	CABLE	4CM3004-W09354	1	UL2464 22AWG*6C+24 AWG*3C+AL(UV) OD7.0	BLACK (80P PVC JACKET)
G	INNER MOLD	MPVC60-000AE3	1	PVC	NATURAL
F	OVER MOLD	MPVC60-000AE3	1	PVC	BLACK
E	O-RING	4QT3016-W00007	1	SILICON	BLUE
D	SCREW NUT	4CT3505-W00046	1	BRASS	BLACK NICKEL PLATING SALT SPRAY 48H
C	FEMALE PIN 2A	4CM3030-W09255	3	PHOSPHOR BRONZE	30u" GOLD PLATING OVER NICKEL PLATING
B	FEMALE PIN 20A	4CG3004-W03F45	2	COPPER ALLOY	
A	BODY	4CT3505-W05E11	1	PA66+GF	BLACK

△C

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 STANDARD SIZE FEMALE CONN. FEMALE CONN 2+3PIN LOCK TYPE		
DWN	MF	PART NO.2CT3505-W05E06H	
CHKD	Cerry	SCALE 1:1	UNIT: mm
APVD	William	SIZE: A3	SHEET:1 OF 1
			REV: C

CUSTOMER COPY

文件編號 RD-06-043-A