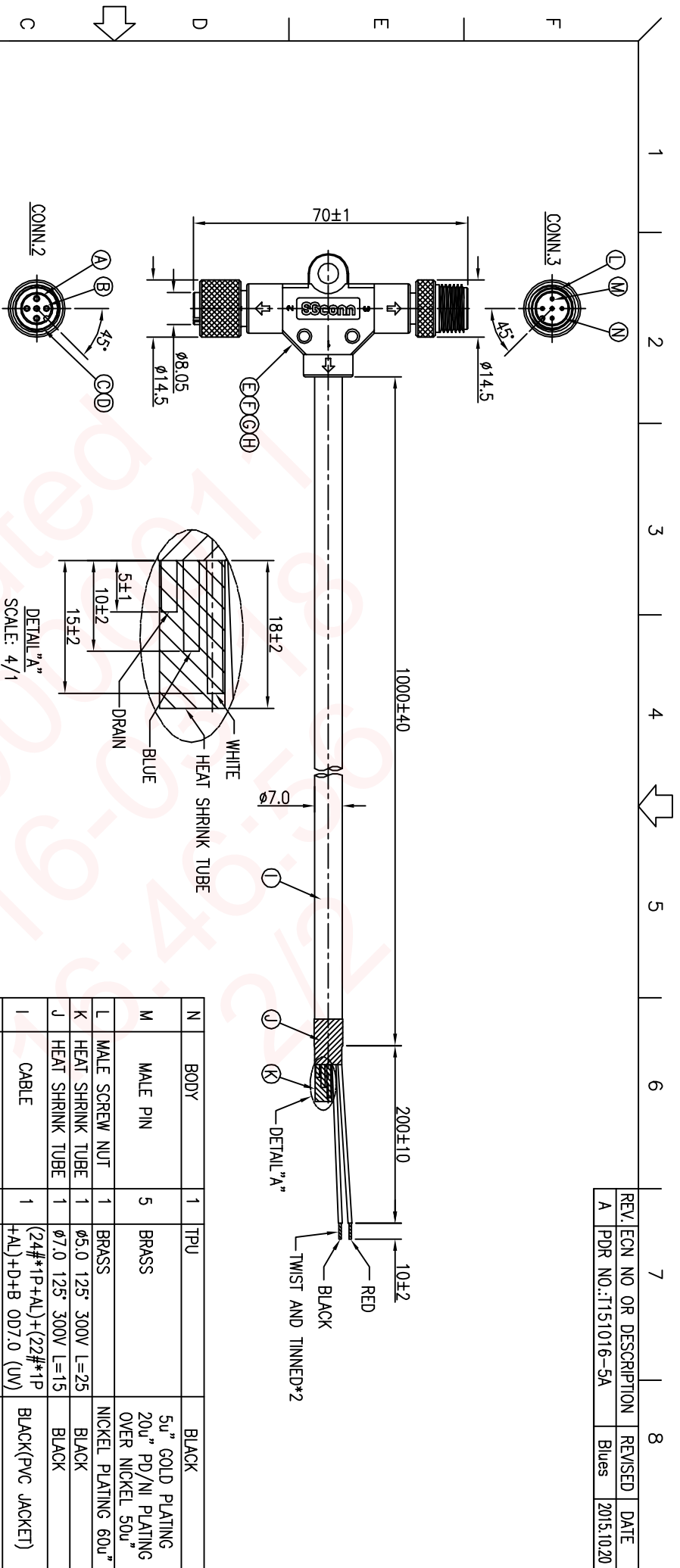


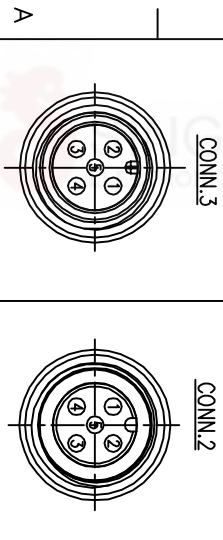
REV.	E/CN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO.: T151016-5A	Blues	2015.10.20



DETAIL "A"
SCALE: 4/1

CONN.1	CONN.2	CONN.3
5 BLUE (24AWG)	5 BLUE (24AWG)	5 BLUE (24AWG)
4 WHITE (24AWG)	4 WHITE (24AWG)	4 WHITE (24AWG)
3 BLACK (22AWG)	3 BLACK (22AWG)	3 BLACK (22AWG)
2 RED (22AWG)	2 RED (22AWG)	2 RED (22AWG)
1 GREEN (24AWG)	1 DRAIN (24AWG)	1 DRAIN (24AWG)

PIN OUT



PIN ASSIGNMENTS

FRONT VIEW

- NOTES:
- ELECTRICAL CHARACTERISTICS:
 - CURRENT RATING: 5 AMPS.
 - CONTACT RESISTANCE: 3 Ohm Max.
 - INSULATION RESISTANCE: 100 Mohm Min. at 500VDC.
 - BREAKDOWN VOLTAGE: 500 VAC PER MINUTE.
 - MECHANICAL CHARACTERISTICS:
 - TIGHTENING TORQUES: 1.0~1.2Nm(8.85~10.62lbf.in.).
 - ENVIRONMENTAL:
 - OPERATING TEMPERATURE: -40°C TO +80°C.
 - SEALING REQUIREMENTS: IP67.
 - LIFE TEST: 1,000 CYCLES MIN.
 - OTHER GENERAL SPEC. TO REFER "M12 SERIES SPEC.", FOR TECHNICAL DATA REFER TO YOUR LOCAL SINGATRON ELECTRONICS SALES OFFICE.
 - ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED.
 - TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
 - GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING:

N	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
N	BODY	1	TPU	BLACK
M	MALE PIN	5	BRASS	5u" GOLD PLATING 20u" Pd/Ni PLATING OVER NICKEL 50u"
L	MALE SCREW NUT	1	BRASS	NICKEL PLATING 60u"
K	HEAT SHRINK TUBE	1	Ø5.0 125' 300V L=25	BLACK
J	HEAT SHRINK TUBE	1	Ø7.0 125' 300V L=15	BLACK
I	CABLE	1	(24#*1P+AL)+(22#*1P+AL)+D+B 007.0 (UV)	BLACK(PVC JACKET)
H	ACETATE CLOTH	1	W10 *0.18T	BLACK
G	WIRE HARNESS	5	SEE "PIN OUT"	SEE "PIN OUT"
F	OVER MOLD	1	TPU	BLACK
E	INNER MOLD	1	TPU	NATURAL
D	O-RING	1	VITON	RED
C	FEMALE SCREW NUT	1	BRASS	NICKEL PLATING 60u"
B	FEMALE PIN	5	COPPER ALLOY	5u" GOLD PLATING 20u" Pd/Ni PLATING OVER NICKEL 50u"
A	BODY	1	TPU	BLACK

UNLESS OTHERWISE SPECIFIED TOLERANCES

DECIMALS: ANGLES:

X	:±0.5	X	:±2°
XX	:±0.3	XX	:±1'
XXX	:±0.2		

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

TITLE M12 T-CABLE 5PIN(S4)

APVD	CHKD	DMN	REV.
Steve	Harlen	Blues	A

PART NO. 2MT303T-W05319H
SCALE 1:1 UNIT: mm
SIZE: A3 SHEET: 1 OF 1 REV: A

CUSTOMER COPY