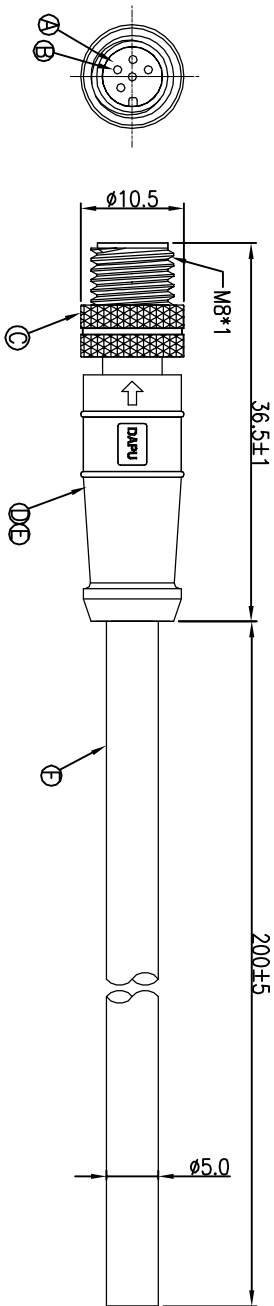
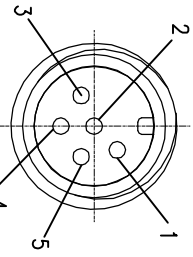


REV.	ECN NO	OR DESCRIPTION	REVISED	DATE
A	PDR NO.:S150706-7B	Blues	2015.07.28	



5	BLACK
4	RED
3	WHITE
2	GRAY
1	YELLOW
CONN.	WIRE COLOR



Pin Assignments  
Front View

- NOTES:
- ELECTRICAL CHARACTERISTICS:
    - CURRENT RATING: 2 AMPS
    - CONTACT RESISTANCE: 3 Ohm Max.
    - INSULATION RESISTANCE: 100 Mohm Min. at 500VDC
    - BREAKDOWN VOLTAGE: 500 VAC PER MINUTE
  - MECHANICAL CHARACTERISTICS:
    - TIGHTENING TORQUES: 0.6~0.8Nm(5.3~7.0lbs.in)
  - ENVIRONMENTAL:
    - OPERATING TEMPERATURE: -20° TO +80°
    - SEALING REQUIREMENTS: IP65
    - LIFE TEST: 1,000 CYCLES MIN.
  - OTHER GENERAL SPEC. TO REFER\*CIRCULAR SERIES GENERAL 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 PACKAGINGSEAL

F	CABLE	1	UL2464 24#*5C (UV)	BLACK(PVC JACKET)
E	SHRINK TUBE	5	125° 300V Ø1.5	BLACK
D	OVER MOLD	1	TPU	BLACK
C	SCREW NUT	1	BRASS	NICKEL PLATING
B	MALE PIN	5	BRASS	1~3µ" GOLD FLASH OVER NICKEL PLATING
A	BODY	1	TPU	BLACK
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR

UNLESS OTHERWISE SPECIFIED TOLERANCES

DECIMALS: ANGLES:

X :±0.5 X :±2  
X.X :±0.3 X.X :±1°  
X.XX :±0.2

Singatron Enterprise Co., Ltd.  
信管企業股份有限公司

TITLE M8 SERIES MALE CONNECTOR,PVC CABLE

DWN Blues PART NO.2MB3012-W05221H

CHKD Horten SCALE 2:1 UNIT: mm

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

CUSTOMER COPY