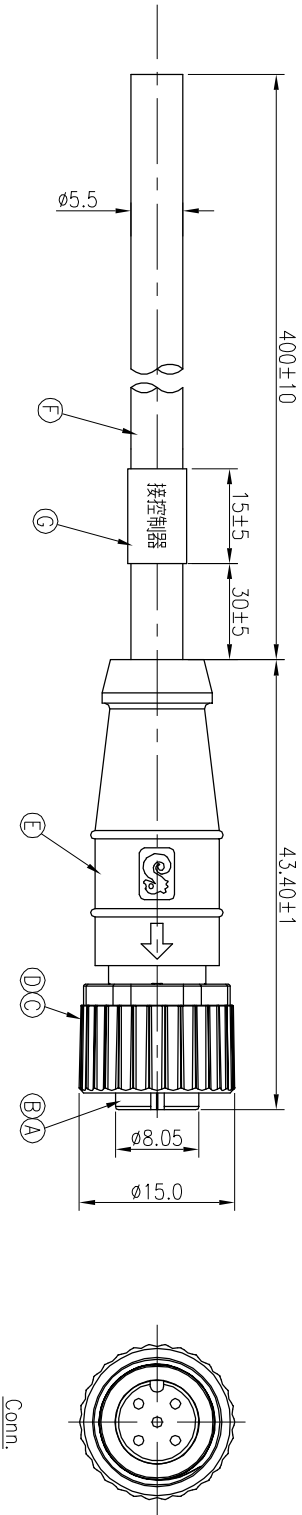
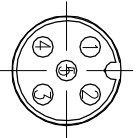


REV.	ECN NO	OR DESCRIPTION	REVISED	DATE
A	PDR NO.:A230202-5A		Elrod	2025.08.11



BROWN	5
WHITE	4
BLACK	3
RED	2
BLUE	1
WIRE COLOR	CONN.
PIN DEFINE	



PIN ASSIGNMENTS
FRONT VIEW

NOTES:

1. WATERPROOF GRADE: IP67
IP67: IMMERSED IN 1M OF WATER FOR 30 MINUTES
2. TEST CONDITIONS:
2-1. CONDUCTANCE RESISTANCE: 3 Ohm MAX
2-2. HI-POT TEST 500VAC 5mA(1SEC)
2-3. INSULATION RESISTANCE: 100MΩ MIN. BY 500V DC
2-4. OTHER GENERAL SPEC. TO REFER "CIRCULAR SERIES SPEC".
3. SPECIFICATIONS:SEE "M12 SERIES SPECIFICATIONS".
4. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
5. GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING:

G	TUBE	1	125℃ 600V	WHITE
F	CABLE	1	20AWG*2C+24AWG*3C+AL	BLACK
E	MOLDING	1	TPU	BLACK
D	O-RING	1	VTION	RED
C	SCREW NUT	1	PA66 FR370	BLACK
B	FEMALE PIN	5	Phosphor Bronze Alloy	GOLD PLATED 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°			
XX :±0.3	XX :±1°			
XXX :±0.2				
TITLE		M12 SERIES 180° 5 PIN FEMALE CONN.		
DWN	Elrod	PART NO.	2MT3010-W05351H	
CHKD	Allen	SCALE 2:1	UNIT: mm	
APVD	Liao	SIZE: A3	SHEET:1 OF 1	REV: A
CUSTOMER COPY				

Suzhou Singatron Auto Electronics Co., Ltd.
蘇州新格汽車電子有限公司