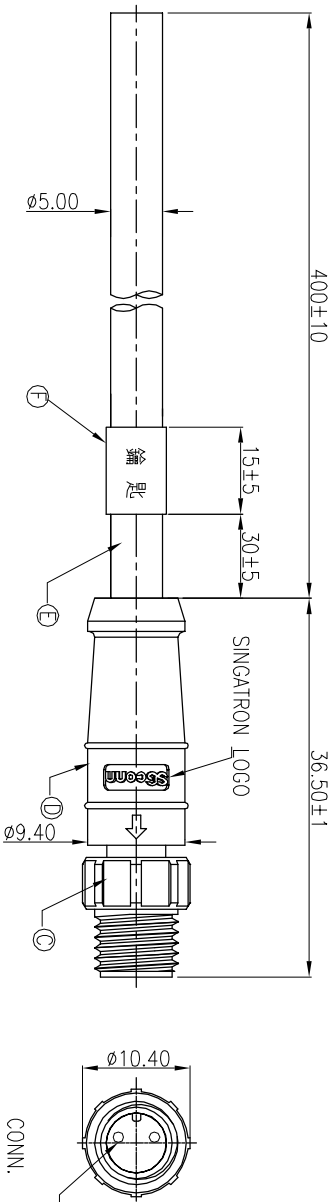


REV.	ECN NO.	OR DESCRIPTION	REVISED	DATE
A	PDR NO:A230202-4B	Etrod	2025.08.05	



RED	3
BLACK	1
WIRE COLOR	CONN.
PIN DEFINE	
CONN.	

PIN ASSIGNMENTS
FRONT VIEW

- NOTES:
1. WATERPROOF RATE:P67
IP67:IMMERSED IN 1M WATER FOR 30 MINUTES
 2. ELECTRICAL CHARACTERISTICS:
2-1 CURRENT RATING: 5 AMPS.
2-2 CONTACT RESISTANCE: 3 Ohm Max.
3-3 INSULATION RESISTANCE: 100 Mohm Min. at 500VDC.
4-4 BREAKDOWN VOLTAGE: 500 VAC PER MINUTE.
 3. ENVIRONMENTAL:
3-1 OPERATING TEMPERATURE: -20°C TO +80°C.
4. LIFE TEST: 1,000 CYCLES MIN.
 5. OTHER GENERAL SPEC. TO REFER "M8 SENSOR CONNECTOR SERIES SPEC."
 6. FOR TECHNICAL DATA REFER TO YOUR LOCAL SINGATRON ELECTRONICS SALES OFFICE.
 7. ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED.
 8. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
 9. GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING: **GR Pass**.

F	TUBE	1	125' 600V	WHITE
E	CABLE	1	UL2464 20AWG*2C+AL (UV) OD5.0	BLACK(PVC JACKET)
D	MOLDING	1	TPU	BLACK
C	NUT	1	PA66+GF	BLACK
B	MALE PIN	2	BRASS	GOLD PLATING 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			
TITLE M8 SERIES MALE CONN. (2PIN)				
DWN	Etrod	PART NO.	2ME3012-W02327H	
CHKD	ALEN	SCALE	2:1	UNIT: mm
APVD	LIAO	SIZE: A3	SHEET: 1 OF 1	REV: A
CUSTOMER COPY				