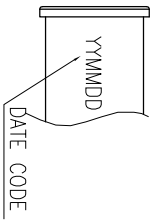
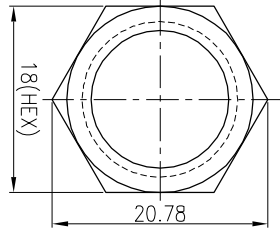


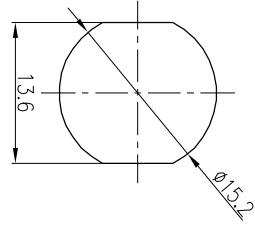
REV	ECN NO. OR DESCRIPTION	REVISED	DATE
A	PDR NO.:T230629-1A	LEI	2025.08.07



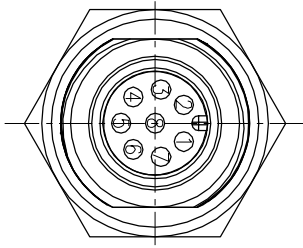
BODY



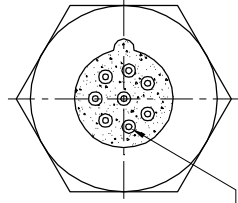
NUT ①



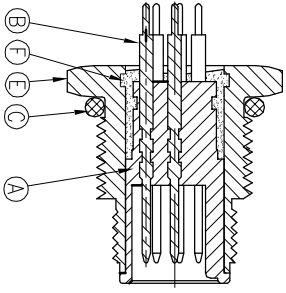
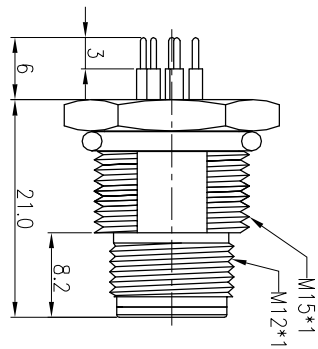
Recommend Panel Cut-out



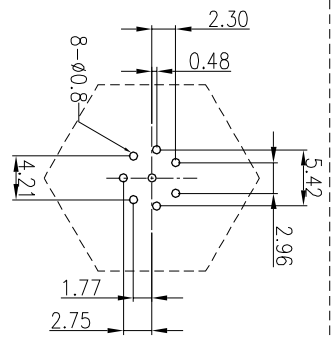
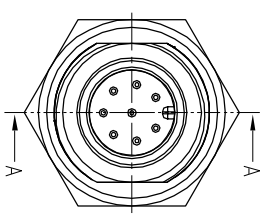
Pin Assignments
Front View



With Liquid Glue



SECTION A-A



8Pin Male Connector
Male Pin PCB Layout

- NOTES:
1. WATERPROOF GRADE: IP68
IP68: IMMERSED IN 1M WATER FOR 24 HOURS
 2. ELECTRICAL CHARACTERISTICS
TEMPERATURE RANGE: -40°C TO +100°C
RATING: 60V AC/DC 2A
DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR ONE MINUTE
 3. SPECIFICATIONS: SEE "M12 SERIES SPECIFICATIONS"
 4. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
 5. GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING: **RoHS**
 6. FOR PANEL THICKNESS: 3.5mm Max.
 7. NUT IS PACKAGED AND SHIPPED IN AN ACCOMPANYING FORM
 8. LASER PRINT DATE CODE:"YMMDD"

DAY(01~31)
MONTH(01~12)
YEAR(01~99)

F	LIQUID GLUE	1	EPOXY RESIN	BLACK
E	SHIELD	1	BRASS	NICKEL PLATING
D	NUT	1	BRASS	NICKEL PLATING
C	O-RING	1	EPDM	BLACK
B	MALE PIN	8	BRASS	GOLD PLATED OVER NICKEL PLATING
A	BODY	1	PA66	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 M12 SERIES FRONT MOUNT MALE CONN. (8PIN)				
DWN	LEI	PART NO.	2MT3005-W08205H	
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.
蘇州信音汽車電子有限公司