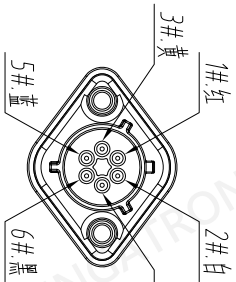
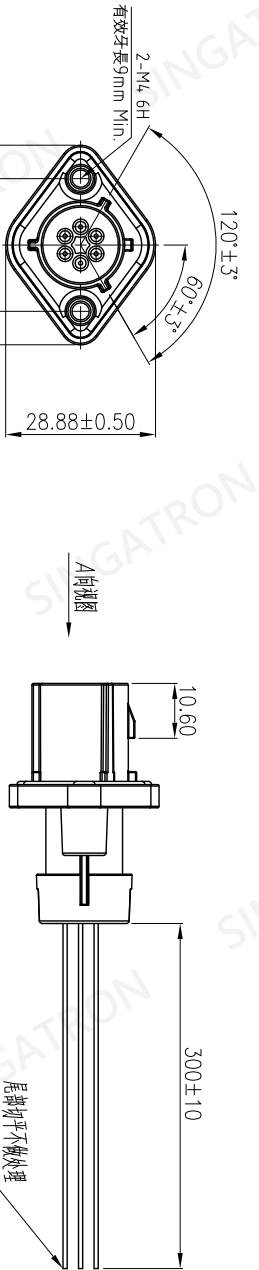


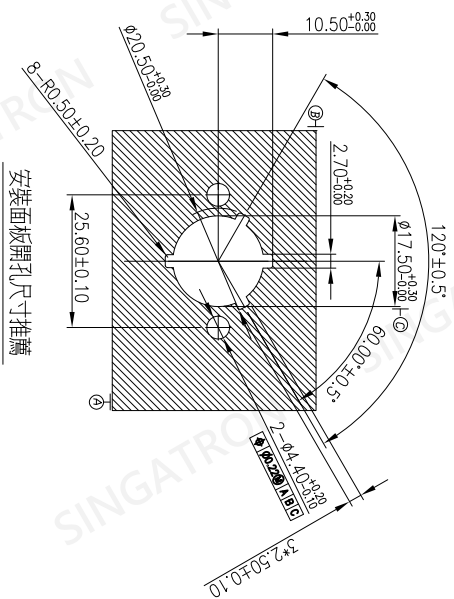
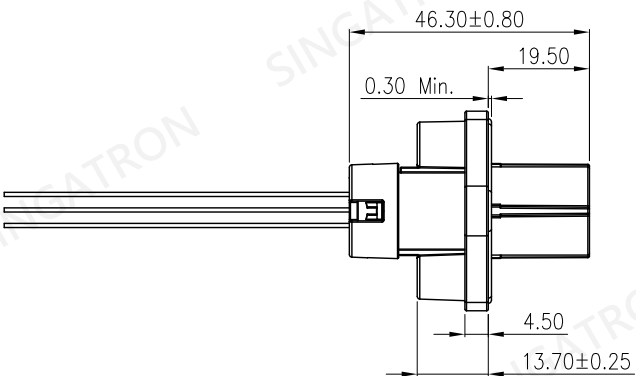
REV.	ECN NO.	OR DESCRIPTION	REVISED	DATE
A		PRODUCT RELEASE	Wei-ye	2026.01.27



WIRE POSITION AND COLORS	
1#	22AWG RED
2#	22AWG WHITE
3#	22AWG YELLOW
4#	22AWG GREEN
5#	22AWG BLUE
6#	22AWG BLACK

- NOTE:
- ELECTRICAL CHARACTERISTICS:
 - CURRENT RATING: 3A
 - VOLTAGE RATING: 300V DC
 - CONTACT RESISTANCE: 60mΩ MAX.(PLUG&CONNECTOR WITH CABLE)
 - DIELECTRIC WITHSTANDING VOLTAGE: 500V AC/1MINUTE
 - INSULATION RESISTANCE: 500MΩ MIN.(MEASURED BY 500 VDC. (UNDER HUMID AND HOT CONDITIONS≥100MΩ))
 - MECHANICAL CHARACTERISTICS:
 - INSERTION FORCE WITH THE LATCH DEPRESSED: 20N~45N.
 - WITHDRAWAL FORCE WITH THE LATCH DEPRESSED: 20N~45N.
 - DURABILITY: 100 CYCLES
 - ENVIRONMENTAL CHARACTERISTICS
 - SALT SPRAY: 48H
 - WATER PROOF: WHEN MALE AND FEMALE SEATS ARE PAIRED, THEY SHOULD BE LEFT TO STAND STILL IN 1-METER-DEEP WATER FOR 48 HOURS WITHOUT ANY WATER INGRESS
 - OPERATING TEMPERATURE: -40~+125°C(HUMIDITY: LESS THAN 95%(40°C)
 - TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
 - HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:
 - COMPATIBLE WITH UNSHIELDED CABLES:
3A WIRE SPEC: 22AWG, OD: 1.40mm

A向视图



安装面板开孔尺寸推荐

備註：面板要求平整無毛刺，粗糙度要求不低於1.60，平面度≥0.20mm，面板厚度1.50mm~3.00mm。

H	WIRE	6	PE, 22AWG	顏色按照A向圖標定義
G	TERMINAL	6	PHOSPHOR BRONZE	Ag PLATING
F	SHEATH	6	STAINLESS STEEL	
E	LOCK PLATE NUT	2	CARBON STEEL	
D	FRONT LOCK PLATE GASKET	1	SILICON RUBBER	BLUE
C	O-RING	1	SILICON RUBBER	BLUE
B	BACK COVER	1	PLASTIC MATERIAL U94V-0	BLACK
A	BODY	1	PLASTIC MATERIAL U94V-0	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 Electronic Corp.				
TITLE 6-CORE SIGNAL CONNECTOR--MALE				
DWN	Wei-ye	PART NO.	2EB2Y33-W06300F	
CHKD	Ryan-huang	SCALE:1:1	UNIT: mm	
APVD	Ryan-huang	SIZE: A3	SHEET:1 OF 1	REV. A
CUSTOMER COPY				