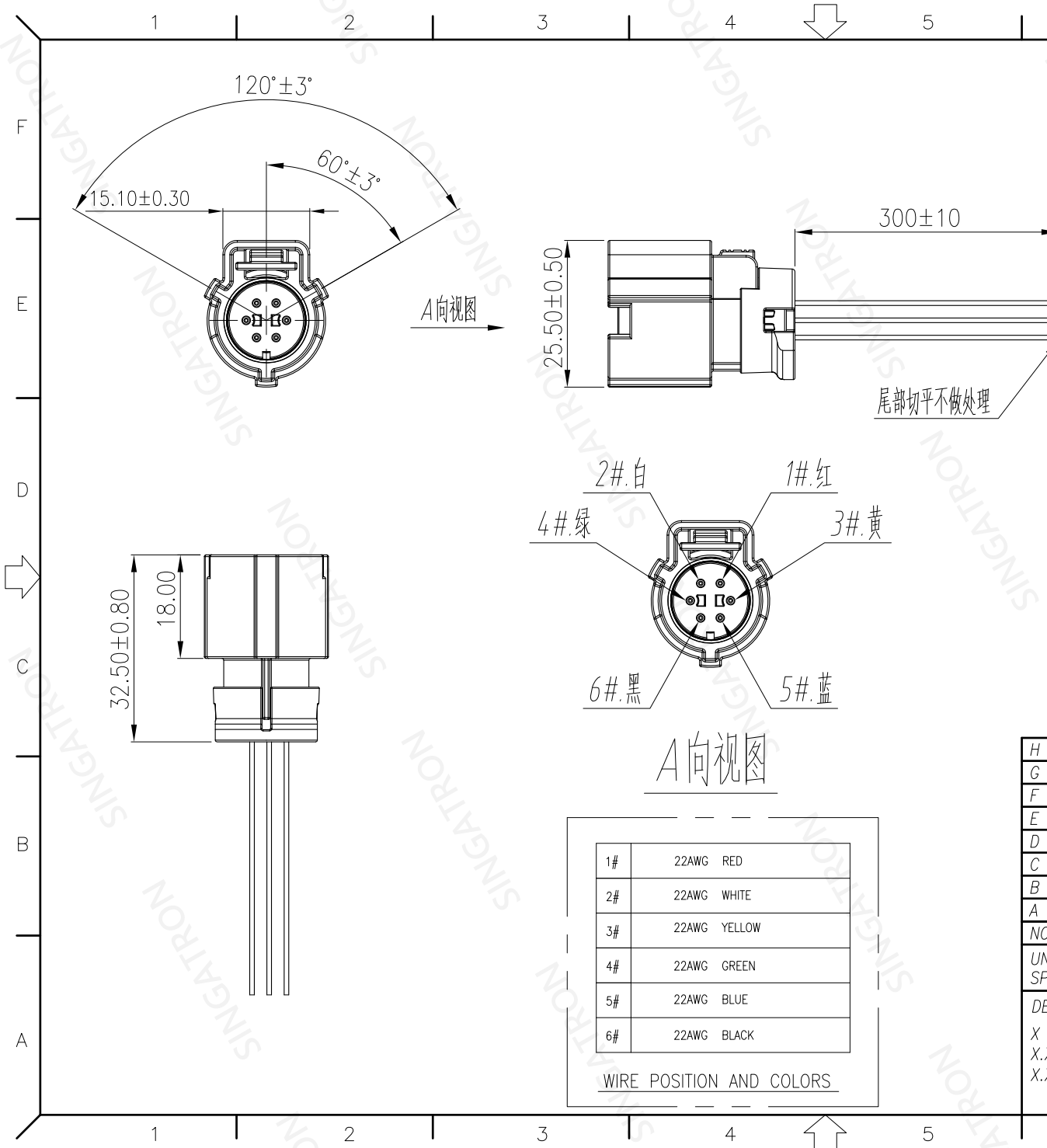


REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PRODUCT RELEASE	Wei-ye	2026.01.27

NOTE:

- ELECTRICAL CHARACTERISTICS:
 - 1-1 CURRENT RATING: 3A
 - 1-2 VOLTAGE RATING: 300V DC
 - 1-3 CONTACT RESISTANCE: 60mΩ MAX.(PLUG&CONNECTOR WITH CABLE)
 - 1-4 DIELECTRIC WITHSTANDING VOLTAGE: 500V AC/1MINUTE
 - 1-5 INSULATION RESISTANCE: 500MΩ MIN.MEASURED BY 500 VDC.
(UNDER HUMID AND HOT CONDITIONS≥100MΩ)
- MECHANICAL CHARACTERISTICS:
 - 2-1 INSERTION FORCE WITH THE LATCH DEPRESSED: 20N~45N.
 - 2-2 WITHDRAWAL FORCE WITH THE LATCH DEPRESSED: 20N~45N.
 - 2-3 DURABILITY: 100 CYCLES
 - 2-4 VIBRATION: USCAR-2 V1等級
- ENVIRONMENTAL CHARACTERISTICS
 - 3-1 SALT SPRAY: 48H
 - 3-2 WATER PROOF: WHEN MALE AND FEMALE SEATS ARE PAIRED,THER SHOULD BE LEFT TO STAND STILL IN 1-METER-DEEP WATER FOR 48 HOURS WITHOUT ANY WATER INGRESS
 - 3-3 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

H	WIRE	6	PE,22AWG	顏色依照A向視圖定義
G	TERMINAL	6	PHOSPHOR BRONZE	TIN PLATING
F	SHEATH	6	STAINLESS STEEL	
E	O-RING-2	1	SILICON RUBBER	BLUE
D	O-RING-1	1	SILICON RUBBER	BLUE
C	BACK COVER	1	PLASTIC MATERIAL UL94V-0	BLACK
B	FRONT COVER	1	PLASTIC MATERIAL UL94V-0	BLACK
A	BODY	1	PLASTIC MATERIAL UL94V-0	BLACK
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
UNLESS OTHERWISE SPECIFIED TOLERANCES		Singatron Electronic Corp.		
DECIMALS:	ANGLES:	TITLE	6-CORE SIGNAL CONNECTOR--FEMALE	
X :±0.5	X :±2°	DWN Wei-ye	PART NO. 2EB2Y32-W06300F	
X.X :±0.3	X.X :±1°	CHKD Ryan-huang	SCALE 1:1	UNIT: mm
X.XX :±0.2		APVD Ryan-huang	SIZE: A3	SHEET:1 OF 1 REV: A
CUSTOMER COPY				



1#	22AWG RED
2#	22AWG WHITE
3#	22AWG YELLOW
4#	22AWG GREEN
5#	22AWG BLUE
6#	22AWG BLACK

WIRE POSITION AND COLORS