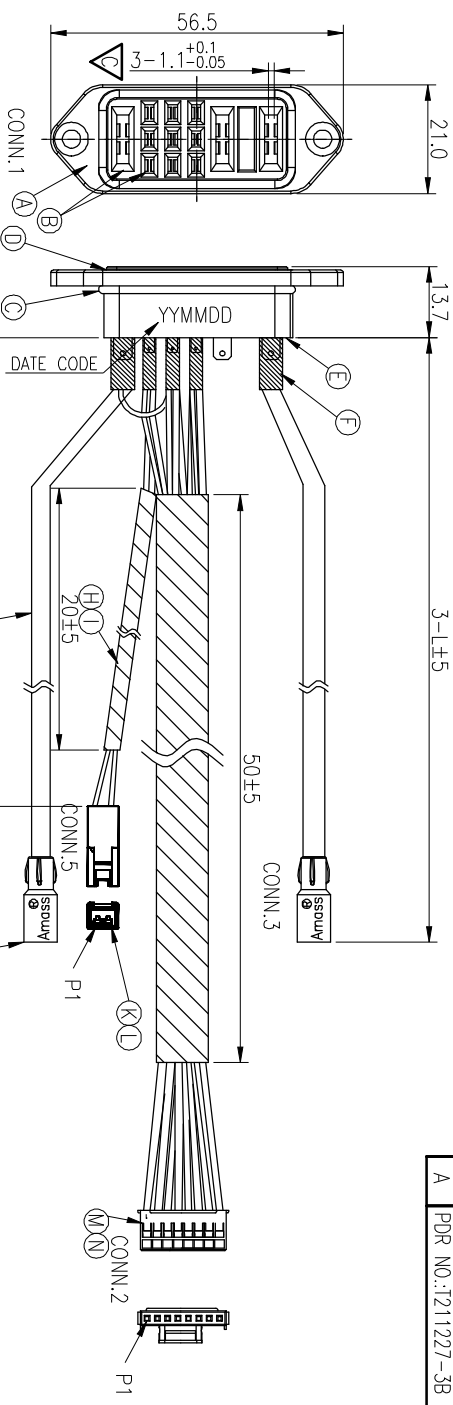
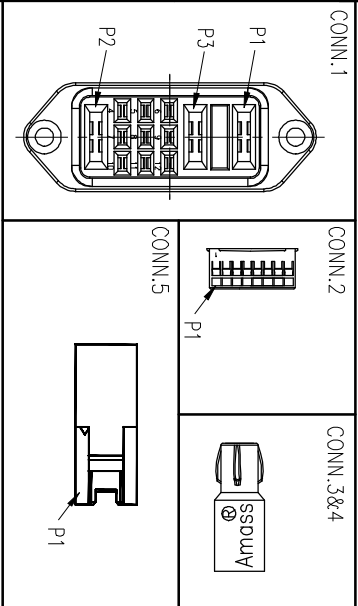


REV.	ECN NO	OR DESCRIPTION	REVISED	DATE
A	PDR NO.:I211227-3B		Jun	2022.08.10



12	BROWN (24#)	3			2	100
11	PINK (24#)	2			1	100
10	ORANGE (24#)	8				100
2&9	BLACK (24#)					50
8	WHITE (24#)	1				100
7	YELLOW (24#)	5				100
6	BLUE (24#)	7				100
5	GREEN (24#)	6				100
4	GRAY (24#)	4				100
3						
2	BLACK (14#)			1		60
1	RED (14#)		1			60
CONN. 1	WIRE COLOR	CONN. 2	CONN. 3	CONN. 4	CONN. 5	L

PIN DEFINITION



NOTES:

1. WATERPROOF DEGREE OF PROTECTION: IPX7
2. CURRENT RATING: POWER TERMINAL: 20A
SIGNAL TERMINAL: 2A
3. OPERATING TEMPERATURE: -40°C~85°C
4. CONTACT RESISTANCE: POWER TERMINAL ≤5mΩ (FOR CONN.1)
SIGNAL TERMINAL ≤30mΩ (FOR CONN.1)
5. INSERTION FORCE: 0.5~6kgf(FOR CONN.1)
EXTRACTION FORCE: 0.5~6kgf(FOR CONN.1)
6. SALT: 72Hr
7. CYCLE LIFE: 3,000
8. CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
9. GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING:
10. LASE DATE CODE "YYMMDD" ON TOP OF OVER MOLD



Front View
Pin Assignments

N	TERMINAL	8	CVILUX: C106T011PED	Tin-plated
M	HOUSING	1	CVILUX: C10608S0000	NATURE
L	TERMINAL	2	TYU: TY2008TBO-AE	Tin-plated
K	HOUSING	1	TYU: TY2008HNO-2P	WHITE
J	HOUSING	2	AMASS SH-3.5M.G.	BLACK
I	HEAT SHRINK TUBE	2	125° 300V	BLACK
H	WIRE	11	UL1007 24AWG VW-1	SEE PIN DEFINITION
G	WIRE	2	UL3135 14AWG VW-1	SEE PIN DEFINITION
F	HEAT SHRINK TUBE	11	125° 600V	BLACK
E	GLUE	1	N/A	BLACK
D	O-RING2	1	SILICONE	BLACK
C	O-RING1	1	SILICONE	BLACK
B	FEMALE PIN	9	PHOSPHOR BRONZE	100 μ in Min. Solderable Nickel plating Ni10
		3		
A	BODY	1	PA66+GF	BLACK
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
UNLESS OTHERWISE SPECIFIED TOLERANCES		蘇州台音普汽車電子有限公司 Suzhou Singatron Auto Electronics CO.,LTD.		
DECIMALS:	ANGLES:	TITLE FEMALE CONN. FEMALE (3+9)PIN		
X :±0.5	X :±2°	DWN	Jun	PART NO.:2BW3020-W12R03H
X.X :±0.3	X.X :±1°	CHKD	JF	SCALE 2:1 UNIT: mm
X.XX :±0.2		APVD	Steve	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