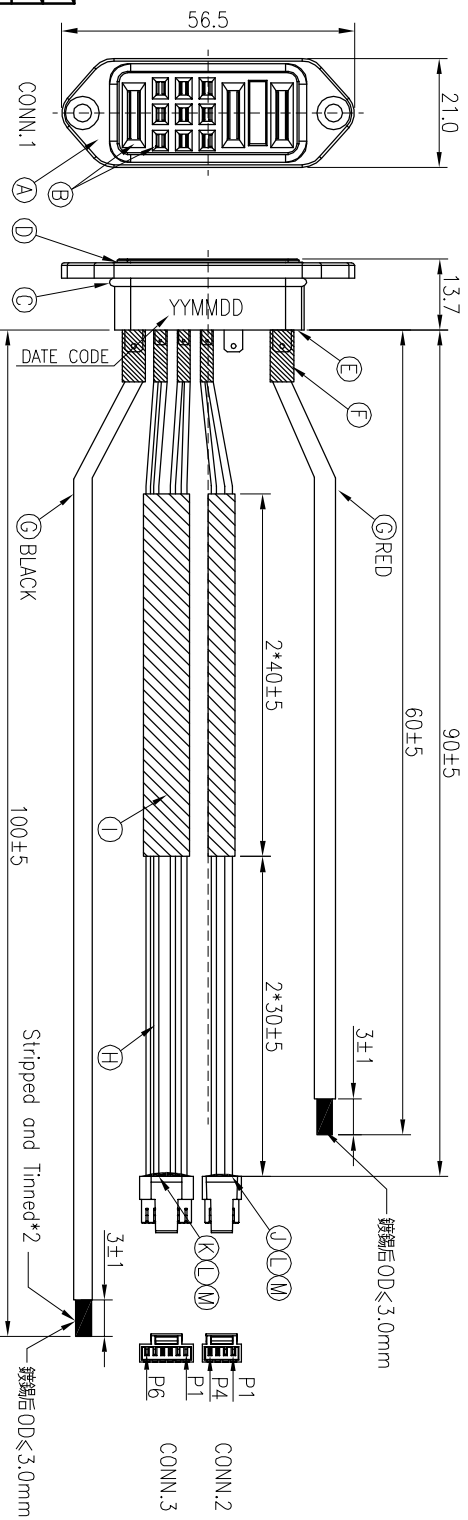


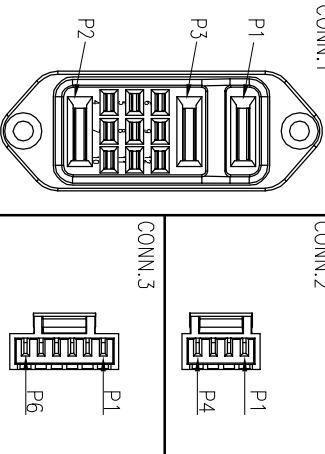


REV.	ECN NO	OR DESCRIPTION	REVISED	DATE
A	PDR	NO.:J201124-2D	MF	2022.12.15



	12	WHITE(28#)	1	
D	11	YELLOW (28#)	2	
	10	GREEN (28#)	6	
	9	RED (28#)	4	
	8	BLACK (28#)	3	
	7	ORANGE (28#)	5	
	6	RED (28#)	1	
	5	BLACK (28#)	2	
C	4	WHITE (28#)	4	
	3			
	2	BLACK (12#)		
	1	RED (12#)		
CONN.1	WIRE COLOR(GAUGE)	CONN.2	CONN.3	

- 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 SINGACRON HAZARDOUS SUBSTANCE FREE SPEC.
 9. GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING:
 10. LASE DATE CODE "YYMDD" ON TOP OF OVER MOLD



- DATE CODE: YYMDD
- DAY
MONTH
YEAR

Front View
Pin Assignments

M	GLUE	2	N/A	NATURE
L	TERMINAL	9	C114T011PEO	Tin-plated
K	HOUSING	1	C11406SL000	NATURE
J	HOUSING	1	C11404SL000	NATURE
I	HEAT SHRINK TUBE	2	125° 300V	BLACK
H	WIRE	2	UL1061 28AWG	SEE PIN DEFINITION
G	WIRE	2	UL3135 12AWG	SEE PIN DEFINITION
F	HEAT SHRINK TUBE	2	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 μin Min. Solderable
A	BODY	3		Nickel plating N10
NO	DESCRIPTION	1	PA66+GF	BLACK
UNLESS OTHERWISE SPECIFIED TOLERANCES				
DECIMALS: ANGLES:				
X	:±0.5	X	:±2°	
X.X	:±0.3	X.X	:±1°	
X.XX	:±0.2			
TITLE FEMALE CONN. FEMALE (3+9)PIN				
DMN	MF	PART NO.	2BW3020-W12R01H	
CHKD	JF	SCALE	2:1	UNIT: mm
APVD	STEVE	SIZE: A3	SHEET: 1 OF 1	REV: A

CUSTOMER COPY