

REV.	ECN NO.	OR DESCRIPTION	REVISED	DATE
A	PDR NO:A200916-3A		RZ	2021.07.12

SPECIFICATIONS:

1. ELECTRICAL CHARACTERISTICS:

1-1. RATING:DC48V,20A

1-2. CONTACT RESISTANCE: 20mΩ MAX.(FOR CONNECTOR)

1-3. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR ONE MINUTE.

1-4. INSULATION RESISTANCE: 50M Ω MIN. MEASURED BY 500 VDC

2. MECHANICAL CHARACTERISTICS:

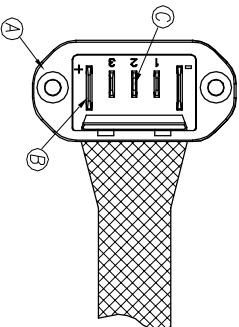
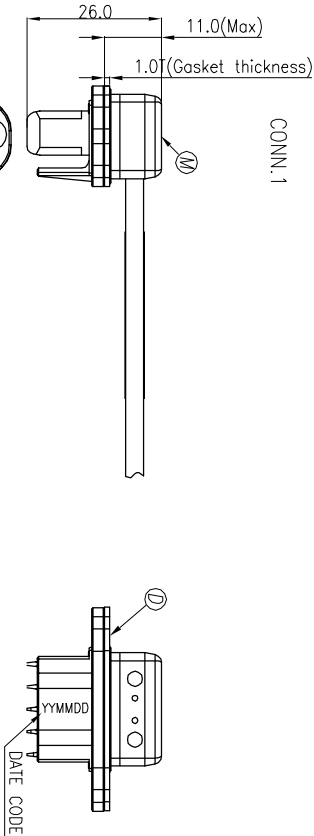
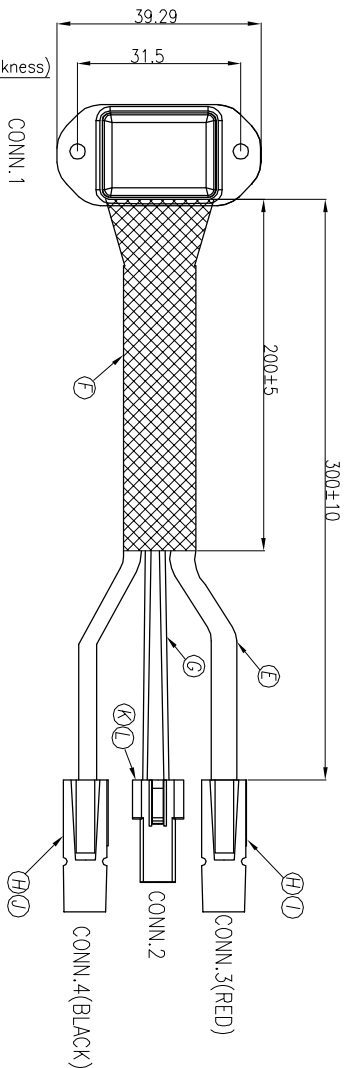
2-1. INSERTION/WITHDRAWL FORCE : 6N~60N

3. TEMPERATURE RISE CAN'T EXCEED 30℃ (FOR CONNECTOR)

4. LIFE TEST: 1500 CYCLES MIN.

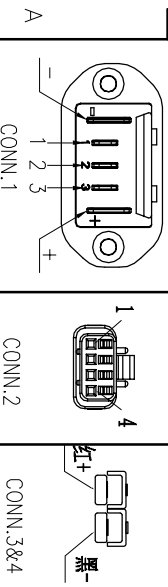
5. TO CONFORM TO SINGAITRON HAZARDOUS SUBSTANCE FREE SPEC.

6. GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING: **Q.P. PASS**



3	3	GREEN (26AWG)
2	1	YELLOW (26AWG)
1	1	RED(13 AWG,SILICONE)
+		RED(13AWG,SILICONE)
-		BLACK(13AWG,SILICONE)
CONN.1	CONN.2	WIRE SPEC.

PIN OUT



Pin Assignments
Front View

M	OVER MOLD	1	PLASTIC	BLACK
L	HOUSING3	1	P4-D70008-B1	BLACK
K	TERMINAL2	2	COPPER ALLOYS D70008KS-2	TIN PLATED
J	HOUSING2	1	PA45B0-HF	BLACK
I	HOUSING1	1	PA45B2-HF	RED
H	TERMINAL1	2	BMC3ST	TIN PLATED
G	WIRE	1	UL1061 26AWG	YELLOW&GREEN
F	HEAT SHRINK TUBE	1	125℃ 300V	BLACK
E	WIRE	2	13AWG,SILICONE	BLACK&RED
D	GASKET	1	RUBBER	BLACK
C	SIGNAL TERMINAL	3	BRASS	Ni PLATING
B	POWER TERMINAL	2	BRASS	Ni PLATING
A	HOUSING	1	THERMOPLASTIC	BLACK
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR

UNLESS OTHERWISE SPECIFIED TOLERANCES



Suzhou Singatron Electronics CO.,LTD.
蘇州信益汽車電子有限公司

DECIMALS: ANGLES:

MALE BATTERY CONN. HARNESS

X :±0.5 X :±2°

PART NO. 2BW3021-W05R04H

X.X :±0.3 X.X :±1°

SCALE:N/A UNIT: mm

X.XX :±0.2

SIZE: A4 SHEET:1 OF 1 REV: A

CUSTOMER COPY

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文件號: RD-06-043-A