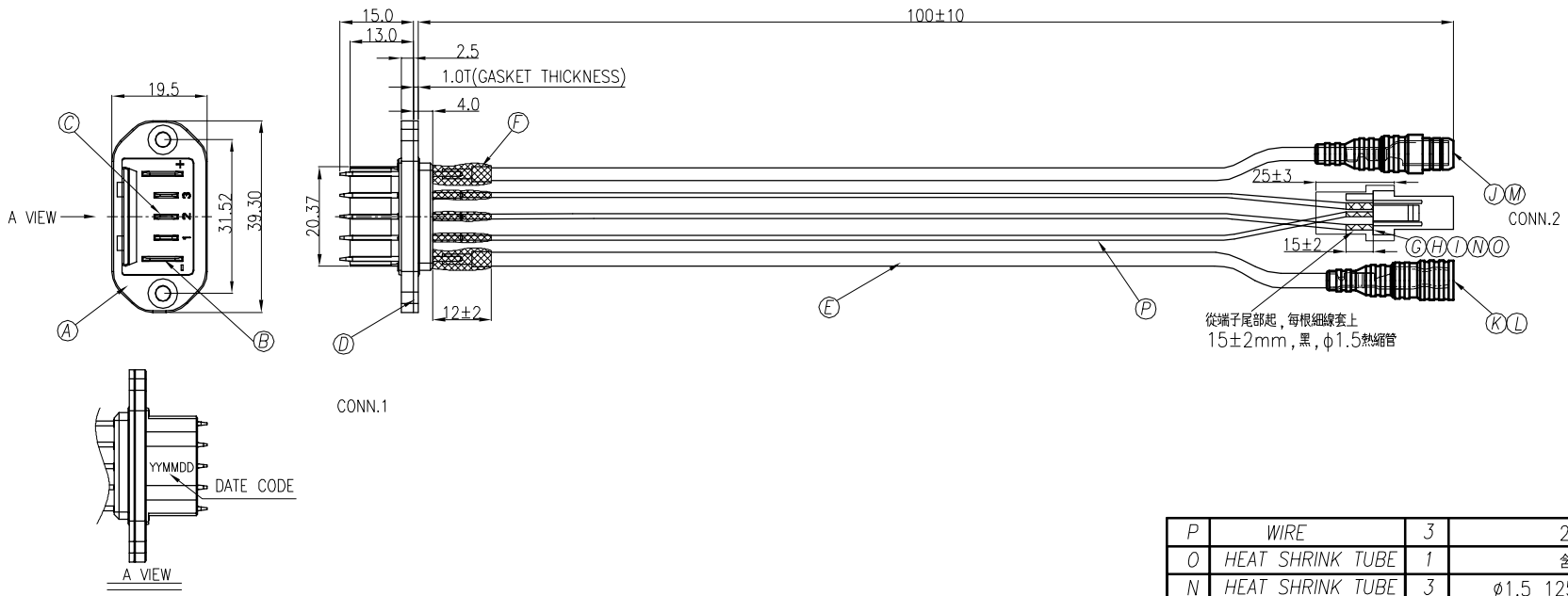
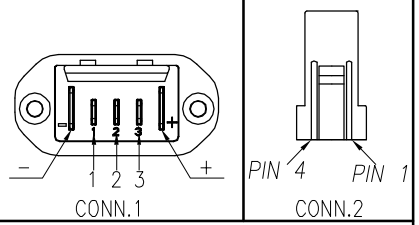
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO.:A220518-6B	Elrod	2022.07.18



+	RED 14AWG	DJ221	
3	GREEN 24AWG	3	CAN H
2	YELLOW 24AWG	1	CAN L
1	RED 24AWG	2	紅 5V+
–	BLACK 14AWG	DJ211	
CONN.1	WIRE SPEC.	CONN.2	Function

PIN DEFINITION



Pin Assignments
Front View

SPECIFICATIONS:

1. ELECTRICAL CHARACTERISTICS:
   1-1. RATING:DC48V,20A
   1-2. CONTACT RESISTANCE: 20mΩ Max.(FOR CONNECTOR)
   1-3. DIELECTRIC WITHSTANDING VOLTAGE: 700V AC FOR ONE MINUTE.
   1-4. INSULATION RESISTANCE: 50MΩ Min. MEASURED BY 500 VDC
2. MECHANICAL CHARACTERISTICS:
   2-1. INSERTION/WITHDRAWL FORCE : 6N~60N
3. TEMPERATURE RISE CAN'T EXCEED 30°C (FOR CONNECTOR)
4. LIFE TEST: 1500 CYCLES Min..
5. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
6. GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING: G.P. PASS

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
P	WIRE	3	24AWG	N/A
O	HEAT SHRINK TUBE	1	含膠套管	BLACK
N	HEAT SHRINK TUBE	3	ϕ1.5 125° 300V	BLACK
M	護套 2	1	BBS-01-0504B	WHITE
L	護套 1	1	BBS-01-0504A	WHITE
K	子彈頭 2	1	DJ211-4.5A	N/A
J	子彈頭 1	1	DJ221-4.5A	N/A
I	堵頭	1	NORKING:P1-D60008CK-W	WHITE
H	HOUSING	1	3204A1002(P4-D70008-B1)	BLACK
G	TERMINAL	3	NORKING:D70008KS-2	N/A
F	HEAT SHRINK TUBE	5	含膠套管	BLACK
E	WIRE	2	14AWG	N/A
D	GASKET	1	RUBBER	BLACK
C	SIGNAL TERMINAL	3	BRASS	Ni PLATING
B	POWER TERMINAL	2	BRASS	Ni PLATING
A	HOUSING	1	THERMOPLASTIC	BLACK

UNLESS OTHERWISE SPECIFED TOLERANCES

DECIMALS: X :±0.5, X.X :±0.3, X.XX :±0.2
ANGLES: X :±2°, X.X :±1°

Suzhou Singatron Auto Electronics CO.,LTD.
蘇州信音汽車電子有限公司

TITLE	MALE BATTERY CONN.			
DWN	Elrod	PART NO. 2BW3021-W05R13H		
CHKD	Jun	SCALE:N/A	UNIT: mm	
APVD	JF	SIZE: A3	SHEET:1 OF 1	REV: A

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文件編號 RD-06-043-A