

REV.	ECN NO	OR DESCRIPTION	REVISED	DATE
A	PDR NO:A200818-1A		JY	2021.12.05

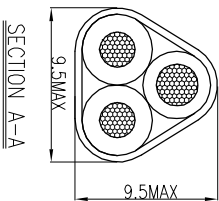
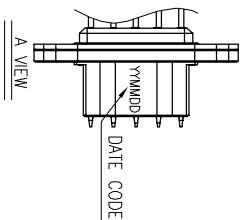
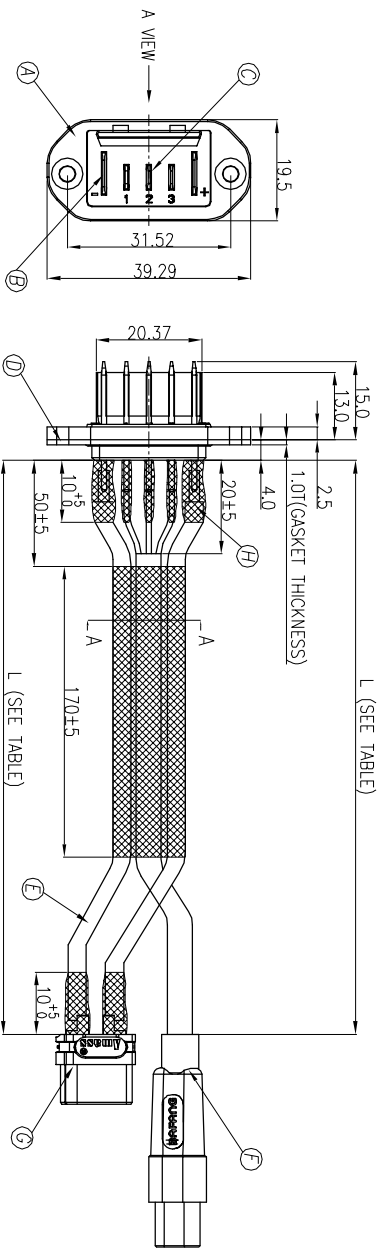
SPECIFICATIONS:

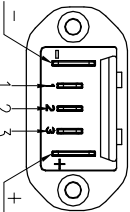
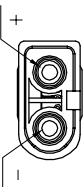
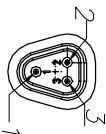
1. ELECTRICAL CHARACTERISTICS:

- 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/WITHDRAWAL FORCE : 6N~60N
3. TEMPERATURE RISE CAN'T EXCEED 30°C (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**



1		3	RED(28AWG,PVC)	1200±10		
3		2	BLUE(28AWG,PVC)			
2		1	BLACK(28AWG,PVC)			
+	+		RED(13 AWG,SILICONE)	700±10		
-	-		BLACK(13AWG,SILICONE)			
CONN.1	CONN.2	CONN.3	WIRE SPEC.	WIRE LENGTH(L)		
PIN OUT						
						
CONN.1		CONN.2		CONN.3		
<u>Pin Assignments</u> <u>Front View</u>						

H	HEAT SHRINK TUBE	8	POLYOLEFIN	BLACK
G	CONNECTOR	1	AMASS,XT60U-F	N/A
F	CONNECTOR+CABLE	1	HIGO 3PIN HARNESS	N/A
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		蘇州台信普汽車電子有限公司 Suzhou Singatron Auto Electronics CO.,LTD.		
DECIMALS:	ANGLES:	TITLE MALE BATTERY CONN. HARNESS		
X :±0.5	X :±2°	DWN	JY	PART NO. 2BW3021-W05R03H
X.X :±0.3	X.X :±1°	CHKD	JF	SCALE:N/A UNIT: mm
X.XX :±0.2		APVD	JF	SIZE: A3 SHEET:1 OF 1 REV: A
CUSTOMER COPY				