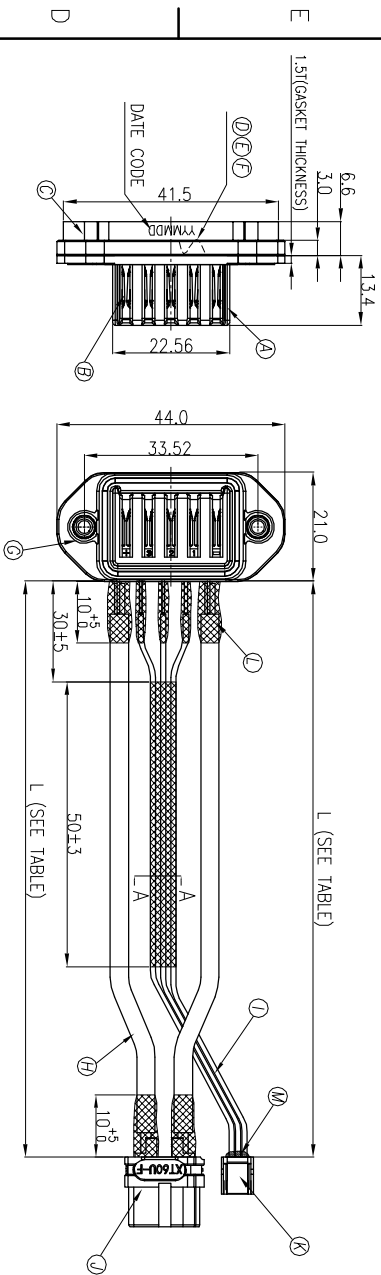
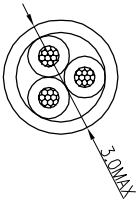


REV.	ECN NO.	OR DESCRIPTION	REVISED	DATE
A	PDR NO:A190710-5B		JY	2021.12.16

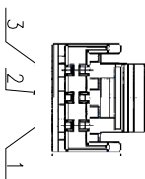
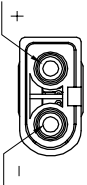
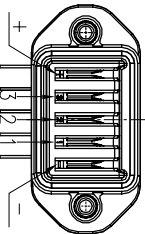


- SPECIFICATIONS.
1. ELECTRICAL CHARACTERISTICS:
- 1-1. RATING:DC48V/20A
- 1-2. CONTACT RESISTANCE: 20mΩ MAX.(FOR CONNECTOR)
- 1-3. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR ONE MINUTE.
- 1-4. INSULATION RESISTANCE: 50MΩ MIN. MEASURED BY 500 VDC
2. MECHANICAL CHARACTERISTICS:
- 2-1. INSERTION/WITHDRAWL 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: **Q.P. PASS**



SECTION A-A

1		3	RED(28AWG,PVC)	100±5
3		2	BLUE(28AWG,PVC)	
2		1	BLACK(28AWG,PVC)	
+	+		RED(13AWG SILICONE)	
-	-		BLACK(13AWG SILICONE)	
CONN.1	CONN.2	CONN.3	WIRE SPEC.	WIRE LENGTH(L)
PIN OUT				



Pin Assignments
Front View

M	UV GLUE	1	/	NATURE
L	HEAT SHRINK TUBE	8	POLYOLEFIN	BLACK
K	CONNECTOR	3	JWT A1257TOP-2	TIN-PLATING
J	CONNECTOR	1	JWT A1257H00-3P-HF	WHITE
I	WIRE	1	AMASS.XT60U-F	N/A
H	WIRE	3	28AWG,PVC	RED&BLACK&BLUE
G	WIRE	2	13AWG,SILICONE	RED&BLACK
F	GASKET-OUTER	1	RUBBER	BLACK
E	GLUE	1	JA723 A+B	BLACK
D	COVER	1	THERMOPLASTIC	BLACK
C	GASKET-INNER	1	RUBBER	BLACK
B	NUT	1	BRASS	N/A
A	TERMINAL	2	COPPER ALLOY	Ni-PLATING
A	HOUSING	5		
NO	DESCRIPTION	1	THERMOPLASTIC	BLACK
UNLESS OTHERWISE SPECIFIED TOLERANCES				
Suzhou Singatron Auto Electronics CO.,LTD. 蘇州信音汽車電子有限公司				
TITLE FEMALE BATTERY CONN. HARNESS				
DECIMALS:	ANGLES:			
X : ±0.5	X : ±2°			
X.X : ±0.3	X.X : ±1°			
X.XX : ±0.2				
DWN	JY	PART NO. 2BW3020-W05R01H	SCALE:N/A	UNIT: mm
CHKD	JF	SIZE: A3	SHEET:1 OF 1	REV:A
APVD	JF	CUSTOMER COPY		