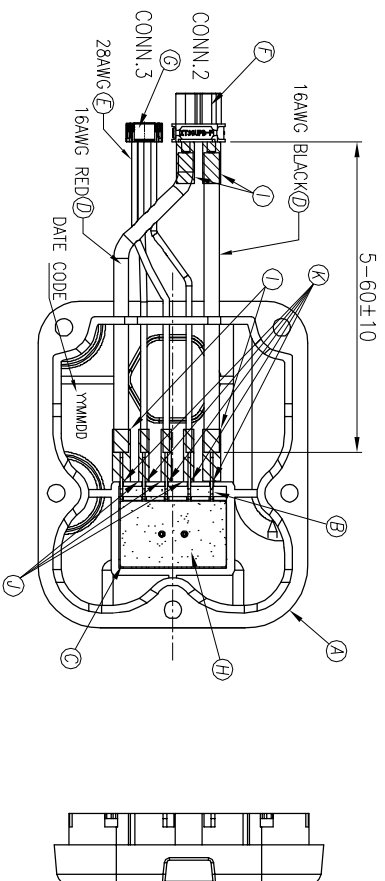
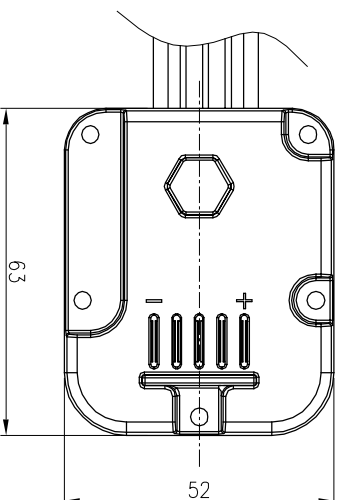




SPECIFICATIONS:

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

REV.	ECN NO	OR DESCRIPTION	REVISED	DATE
A	PDR NO.:A200420-1A		JF	2021.04.20
B	ECN NO.:S202107-C02		MF	2021.09.18
C	ECN NO.:S202111-C11		LEI	2021.12.06
D	ECN NO.:S202207-001		EIrod	2022.08.11



CONN.1

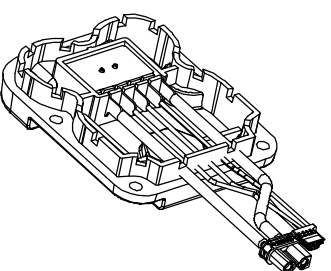
5(P-)	BLACK(16AWG)	2	
4(KE)	BROWN(28AWG)		1
3(CI)	ORANGE(28AWG)		4
2(CH)	GREEN(28AWG)		3
1(P+)	RED(16AWG)	1	
CONN.1	WIRE SPEC.	CONN.2	CONN.3

PIN OUT

CONN.1	CONN.2	CONN.3

Pin Assignments

Front View



PROPORTION 1:2

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

CUSTOMER COPY

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
A	HOUSING	1	THERMOPLASTIC	BLACK
B	TERMINAL	5	COPPER ALLOY	Ni PLATING
C	COVER	1	THERMOPLASTIC	BLACK
D	WIRE	2	UL3135, 16AWG	BLACK&RED
E	WIRE	3	UL1061, 28AWG	ORANGE&BROWN&GREEN
F	CONNECTOR	1	AMASS.XT30U-F	N/A
G	CONNECTOR	3	HR A12514H-04P	TIN-PLATING
H	GLUE	1	N/A	BLACK
I	HEAT SHRINK TUBE	4	125° 600V	BLACK
J	HEAT SHRINK TUBE	3	125° 600V	BLACK
K	UV GLUE	1	8861	NATURE

Suzhou Singatron Auto Electronics CO.,LTD.
蘇州新格汽車電子有限公司

BATTERY CONNECTOR

TITLE	BATTERY CONNECTOR
DWN	EIrod
CHKD	Jun
APVD	Steve
PART NO.	2BW3020-W05601H
SCALE	1:1
UNIT:	mm
SIZE: A3	SHEET:1 OF 1
REV:	D