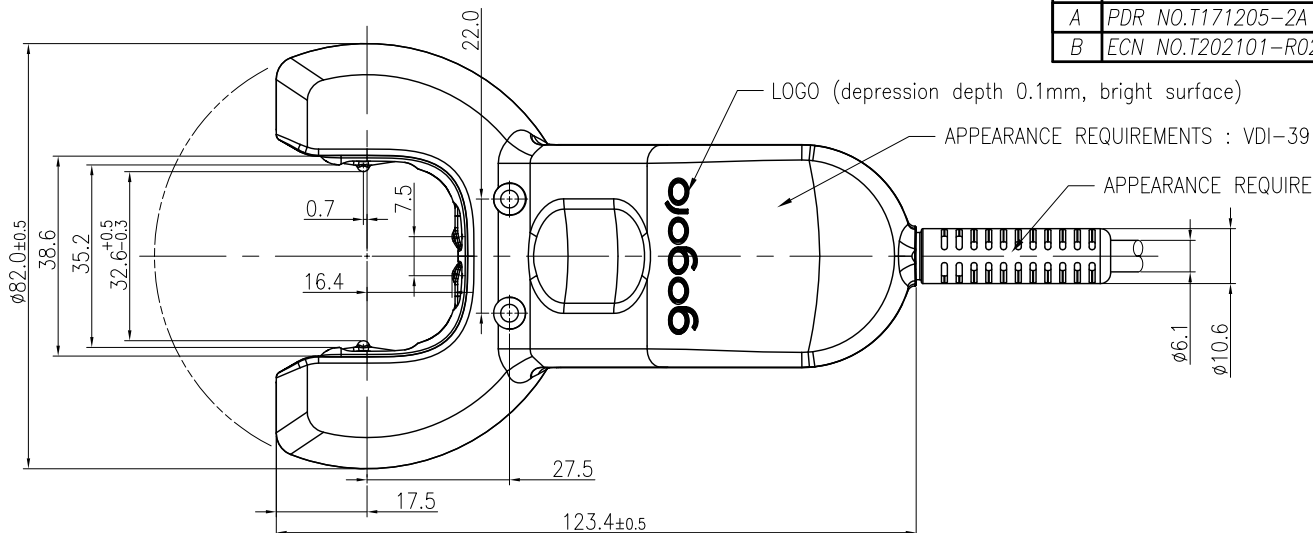
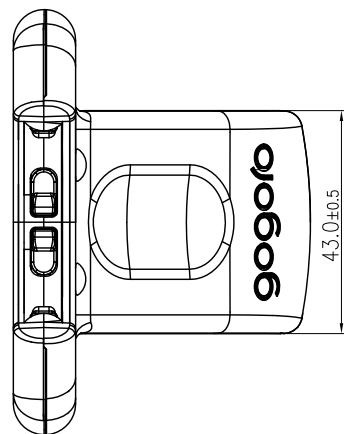
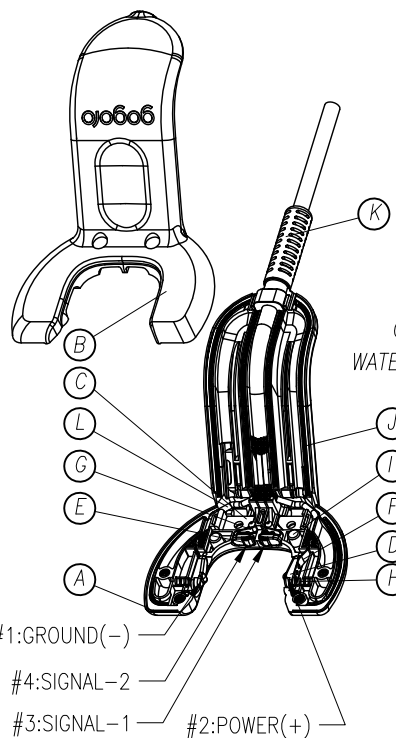


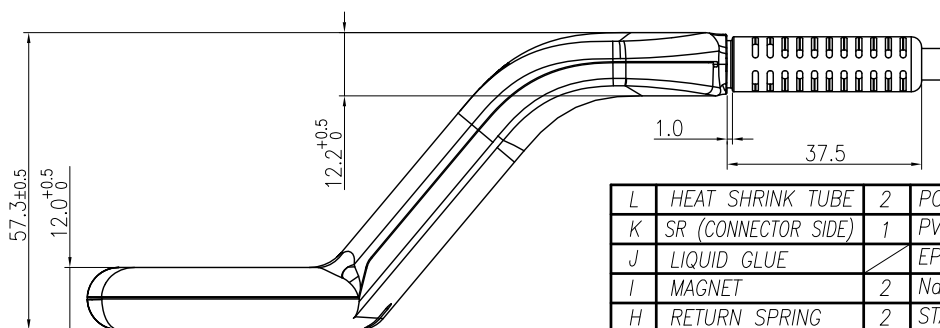
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO.T171205-2A	Rex	2020.12.14
B	ECN NO.T202101-R02	Elrod	2022.04.29



APPEARANCE REQUIREMENTS : 咬花 MT11030
或接近規格之放電花



GLUE AREA
WATERPROOF RATE :
IPX5



POWER CONNECTOR

SPECIFICATIONS:

1. ELECTRICAL CHARACTERISTICS:

- 1-1. RATING: 50V 2A
- 1-2. CONDUCTOR RESISTANCE: 100mΩ MAX./PER PIN (ADD WIRE)
- CONTACT RESISTANCE: INITIAL 60mΩ MAX.
- (MATING WITH MOTOR SIDE ; NOT INCLUDED WIRE)

- 1-3. DIELECTRIC WITHSTANDING VOLTAGE: 500V DC FOR ONE MINUTE.
- 1-4. INSULATION RESISTANCE: 100MΩ MIN. MEASURED BY 500 VDC

2. MECHANICAL CHARACTERISTICS:

- 2-1. MATING FORCE: 5.0 Kgf MAX.
- 2-2. UNMATING FORCE: 1.0Kg MIN.

3. CONNECTOR LIFE TIME: 5,000 CYCLES.

4. TO CONFORM TO "CNS15425-1 : 4.3.10 "

L	HEAT SHRINK TUBE	2	POLYOLEFIN	BLACK
K	SR (CONNECTOR SIDE)	1	PVC , 80A	BLACK
J	LIQUID GLUE	1	EPOXY	BLACK
I	MAGNET	2	NdFeB	NICKEL PLATED
H	RETURN SPRING	2	STAINLESS STEEL	N/A
G	SIGNAL SPRING	2	STAINLESS STEEL	NICKEL PLATED
F	POWER SPRING	2	STAINLESS STEEL	NICKEL PLATED
E	SIGNAL TERMINAL	2	STAINLESS STEEL	NICKEL PLATED
D	POWER TERMINAL	2	STAINLESS STEEL	NICKEL PLATED
C	FIXED PLATE	2	STAINLESS STEEL	NICKEL PLATED
B	TOP COVER	1	NYLON-66 + 30%GF	BLACK
A	BOTTOM COVER	1	NYLON-66 + 30%GF	BLACK
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR

UNLESS OTHERWISE
SPECIFIED TOLERANCES

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

DECIMALS:	ANGLES:	TITLE	POWER CONNECTOR WITH CABLE _ CHARGE SIDE		
X :±0.5	X :±2°	DWN	Elrod	PART NO. 2BW3100-W00002H	
X.X :±0.3	X.X :±1°	CHKD	Jun	SCALE: 1/1	UNIT: mm
X.XX :±0.2		APVD	Steve	SIZE: A3	SHEET:1 OF 2

CUSTOMER COPY

