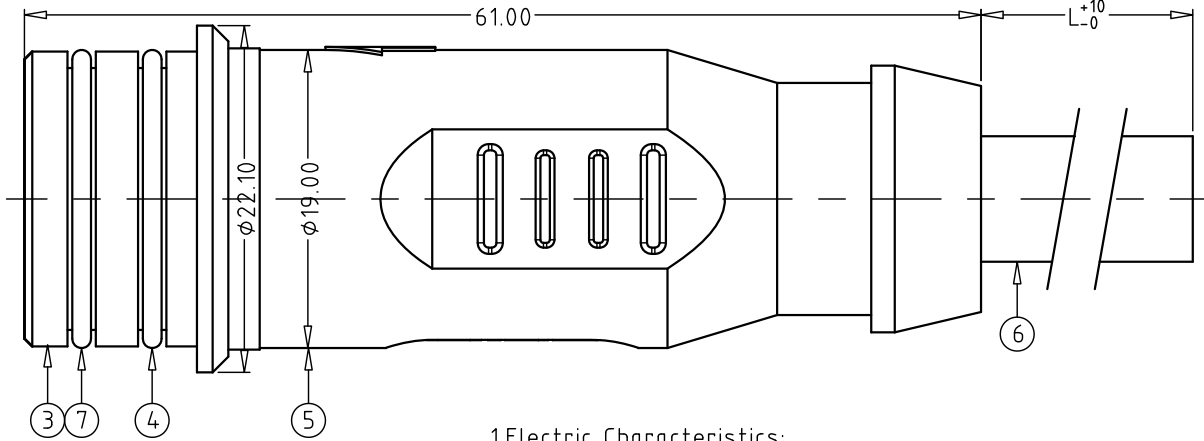
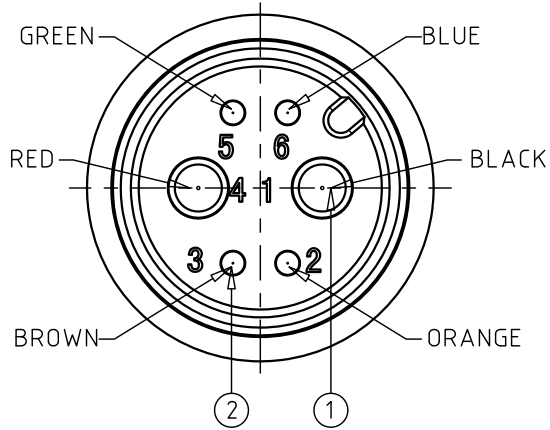


REV:X1

ECN. NO.	REV.	DATE	DESCRIPTION	CHANGE	APPD.
	X1	11/19'2016	INITIAL RELEASE	/	



- Electric Characteristics:
 - Low level contact resistance:10milliohm Max.
 - Dielectric withstanding voltage:700VAC.
 - Insulation resistance:20megaohm Min.
- Mechanical Characteristics:
 - Mating cycle:3000cycle.
 - Insertion force:80N MAX.
 - Withdrawal force:10N MIN.
- Performance:
 - Voltage rating:48V AC,60V DC.
 - Current rating:
 - 25Amps ($\phi 3.0$ pin and socket),5Amps ($\phi 1.5$ pin and socket).
 - Operation temperature:-25°C ~ +80°C.
- Requirement:
 - Environmental protection,accord ROHS 2.0.
- Applicable wire:
 - $\phi 3.0$ Contact:2.40mm² MAX.
 - $\phi 1.5$ Contact:0.5mm² MAX.
- Degree of protection:
 - IP67 in mated condition.

7	"O" ring, $\phi 10 \times 1.5$, SILICON RUBBER, BLACK COLOR	1PCS
6	6 POLE CABLE, $\phi 8.0, 2 \times 2.0 \text{mm}^2 + 4 \times 0.34 \text{mm}^2$, TINNED COPPER, PVC INSULATION(105°C), TPU JACKET(90°C), BLACK COLOR	1PCS
5	BATTERY CONNECTOR PLUG JACKET, PVC(105°C), SHORE HARDNESS 95A, UL94V-0, BLACK COLOR	1PCS
4	"O" ring, $\phi 9 \times 1.7$, SILICON RUBBER, BLACK COLOR	1PCS
3	INSULATOR, PBT+30% GF(120°C) UL94V-0, BLACK COLOR	1PCS
2	CONTACT PIN, $\phi 1.50$, BRASS (GB HPB-59-1) ,4u" MIN GOLD PLATING OVER ALL 50~100u" NICKEL UNDER PLATING OVER ALL	4PCS
1	CONTACT PIN, $\phi 3.00$, BRASS (GB HPB-59-1) ,4u" MIN GOLD PLATING OVER ALL 50~100u" NICKEL UNDER PLATING OVER ALL	2PCS

MAT'L:	/	上海海固电器设备有限公司 Shanghai Higo Electronic Technology Co., Ltd.	
UNITS:	mm	TITLE: BATTERY CONNECTOR PLUG FOR APPLICATION 36V SYSTEM	PART NO: Z624CG P 00 B7 1000
X.±: 5	X°.±: 5°	APPD:	DWG NO: E-F06MTA46-00
X.±: 1	.X°.±: 2°	CHED:	SCALE SHEET REV.
.XX±: 0.30	.XX°.±: 1°	DRAW: Gary zhou 11/19'2016	N/A 1/1

item no.	Specification	QTY
1		
2		
3		
4		
5		
6		