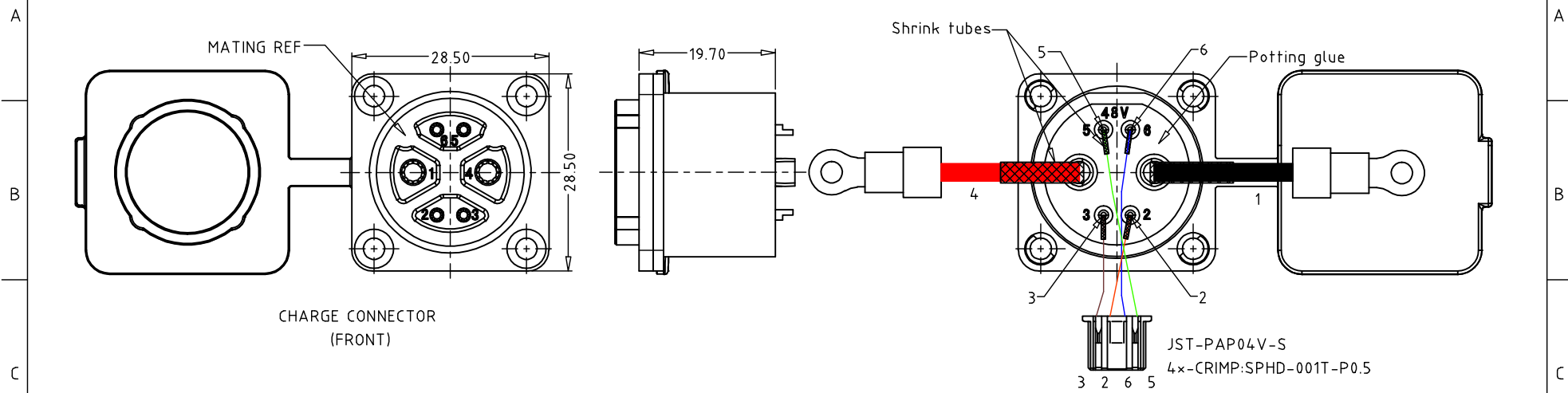


REV:X2

ECN. NO.	REV.	DATE	DESCRIPTION	CHANGE	APPD.
	X1	11/22'2016	INITIAL RELEASE	/	
	X2	04/27'2017	CHANGE FLANGE & GASKET, ADD SHRINK TUBES	Chris Xie	



CHARGE CONNECTOR (FRONT)

- 1.Electric Characteristics:
 - 1.1:Low level contact resistance:10milliohm Max.
 - 1.2:Dielectric withstanding voltage:700VAC.
 - 1.3:Insulation resistance:20megaohm Min.
- 2.Mechanical Characteristics:
 - 2.1:Mating cycle:3000cycle.
 - 2.2 Propose lock panel screw torque value is 4kgf/cm MAX.
- 3.Performance:
 - 3.1:Voltage rating:48V AC,60V DC.
 - 3.2:Current rating:
 - 25Amps (ø3.0pin and socket),5Amps (ø1.5pin and socket).
 - 3.3:Operation temperature:-25°C~+80°C.
- 4.Requirement:
 - 4.1:Environmental protection,accord ROHS 2.0.
- 5.Applicable wire:
 - ø3.0 Contact:4.0mm² MAX.
 - ø1.5 Contact:0.5mm² MAX.
- 6.Degree of protection:
 - IP67 in unmated condition(single side).

Preliminary

CHARGE CONNECTOR PIN	DESIGNATION	COLOUR	WIRE GAUGE	WIRE LENGTH	TERMINATION
5	CAN HIGH	GREEN	22AWG	150	JST-PAP04V-S PIN1
6	CANLOW	BLUE	22AWG	150	JST-PAP04V-S PIN2
2	12V+	ORANGE	22AWG	150	JST-PAP04V-S PIN3
3	WAKE UP	BROWN	22AWG	150	JST-PAP04V-S PIN4
4	POS(+)-20A	RED	14AWG	150	INSULATED M3 RING TERMINAL
1	NEG(-)-20A	BLACK	14AWG	150	INSULATED M3 RING TERMINAL

MAT'L: /		Higo 上海海固电器设备有限公司 Shang hai Higo Electronic Technology Co., Ltd.	
UNITS: mm		TITLE: CHARGE CONNECTOR	PART NO.: Z624BM C 05 D1 0150
X.±: 1	X°.±: 5°	APPD:	DWG NO.: E-F06FTA47-00
.X±: 0.50	.X°.±: 2°	CHED:	SCALE SHEET REV.
.XX±:0.20	.XX°.±:1°	DRAW: Chris Xie 04/27'2017	N/A 1/1