THIS DRAWING AND THE DATA DISCLOSED HEREIN OR HEREWITH IS NOT TO BE REPRODUCED USED OR DISCLOSED IN WHOLE OR IN PART TO ANYONE WITHOUT THE PERMISSION OF JESS-LINK PRODUCTS CO.,LTD.(JPC)

CUSTOMER DRAWING

DRWC-000561

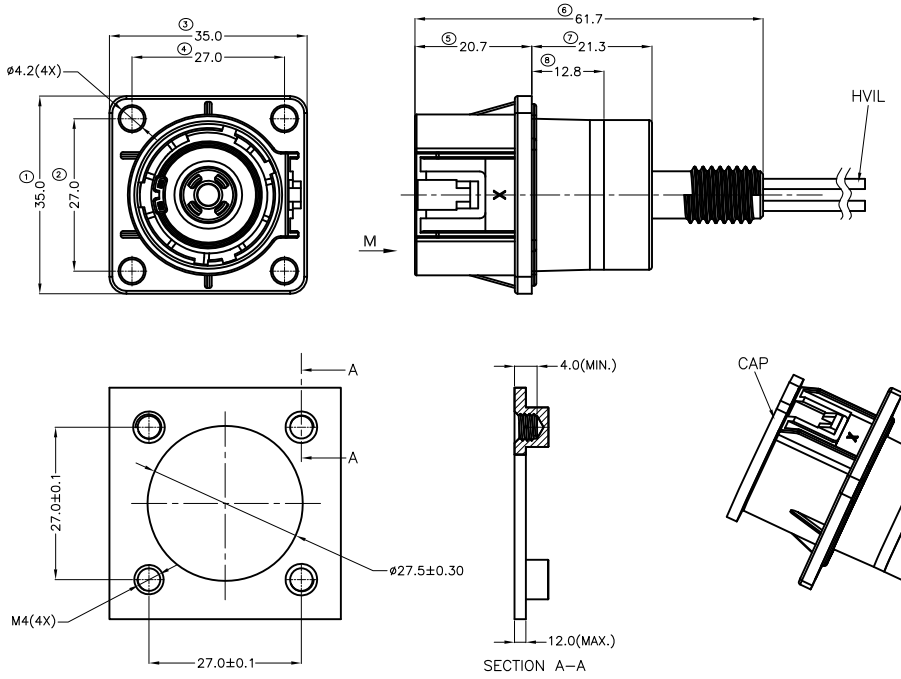
REV.	ECN NO.	DESCRIPTION	MDF'D	APP'D	DATE
01		INITIAL DESIGN	Denghong	Richard	01/20/2021
A1		更換新圖框,正式版發行.	Denghong	Richard	07/30/2021
A2		修改備註第二條,增加額定電流的適用線徑.	Denghong	Richard	02/28/2022

Standard part List(WITH HVIL)
產品型號表(帶護鎖)

Model No.	JPC No.	Polarization
TL00X-301-20M10	PCNTC116RC79-1	X
TL00Y-301-20M10	PCNTC216RC79-1	Y
TL00U-301-20M10	PCNTC316RC79-1	U
TL00V-301-20M10	PCNTC416RC79-1	V
TL00W-301-20M10	PCNTC516RC79-1	W
TL00T-301-20M10	PCNTC616RC79-1	T

Standard part List(WITHOUT HVIL)
產品型號表(不帶護鎖)

Model No.	JPC No.	Polarization
TL00X-300-20M10	PCNTC106RC79-1	X
TL00Y-300-20M10	PCNTC206RC79-1	Y
TL00U-300-20M10	PCNTC306RC79-1	U
TL00V-300-20M10	PCNTC406RC79-1	V
TL00W-300-20M10	PCNTC506RC79-1	W
TL00T-300-20M10	PCNTC606RC79-1	T



NOTE:

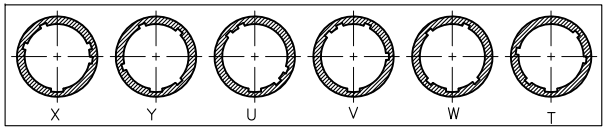
1.工作温度 Operating temperature: -40°C ~ +125°C.
2.带高压互锁 Electrical interlock (HVIL).
3.额定电流 Current rating:250A(Cross-sectional area is 70mm²);HVIL:5A; ⚠A2
200A(Cross-sectional area is 50mm²);HVIL:5A;
150A(Cross-sectional area is 35mm²);HVIL:5A;
4.额定电压 Operating voltage:Power:1000 VDC;Signal:60 VDC.
5.耐 电 压 Dielectric withstanding voltage:
A.与插头对插后，Pin与铁壳之间:After matting,between Pin and metal shell:5000 VDC.
B.与插头对插后，Pin与HVIL之间:After matting,between Pin and HVIL:5000 VDC.
C.与插头对插后，HVIL与铁壳之间:After matting,between HVIL and metal shell:500 VDC.
D.与插头对插前，两个HVIL端子之间耐压:Before matting,between two HVIL :500 VDC.
6.絕緣阻抗 Insulation resistance: 500MΩ Min.
7.防护等级 Protection class:IP67 & IP2X.
8.电磁屏蔽 Shielding.
9.机械寿命 Mating cycle:500 Min.
10.带自动二次锁扣 Automatic secondary lock.
11.铜排推荐安装扭矩 Recommended Fasten Torque on lug:
M6: 3.6 ~ 4.4 Nm M8: 7.2 ~ 8.8 Nm M10: 17.1 ~ 20.9 Nm
12.推荐法兰盘螺丝安装扭矩 Recommended Screw Assembly Torque on Flange : 1.6 ~ 2.4 Nm
13.配对插头 Mating plug:See drawing "PCNTC112RC78-1".

訂購信息 Ordering Information

T L 0 0 X - 3 0 1 - 10 M10

- 鍵位及顏色 Key&Color: "X" 橙色 Orange; "Y" 黑色 Black; "U" 黃色 Yellow; "V" 綠色 Green; "W" 紅色 Red; "T" 藍色 Blue
- 高壓互鎖 HVIL: 0,不帶互鎖 No HVIL; 1,帶互鎖 With HVIL
- 端子類型 Type: "10" 銅排; "20" 螺柱
- 接線孔類型&大小 Size: M10

M方向鍵位示意圖



RoHS COMPLIANT | HALOGEN FREE

Unit : mm

GENERAL TOLERANCES: (UNLESS SPECIFIED)
0 = ±.50
0.0 = ±.25
0.00 = ±.15
0.000 = ±.05
0° = ± 2°
0.0° = ± 1°

PROJECTION

D.R. 02/28/2022 Denghong
CH.K
APV.D

JPC connectivity

TITLE: TL 300 Receptacle_螺柱
PD./FILE NO.: C20C0018A
SCALE: 1:1
SIZE: A4
PART NO.: PCNTC116RC79-1
REV. A2
SHEET 1 OF 1