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CUSTOMER DRAWING

DRWC-000559

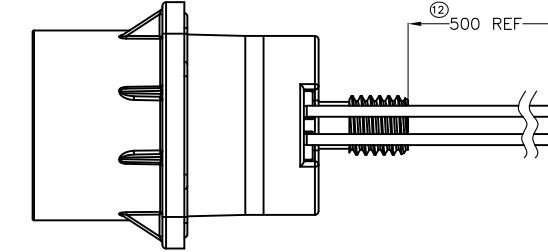
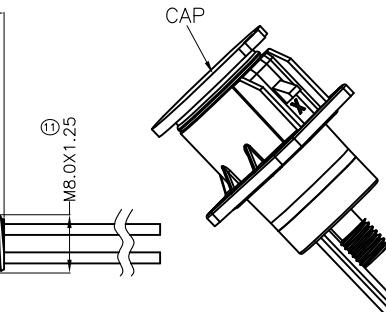
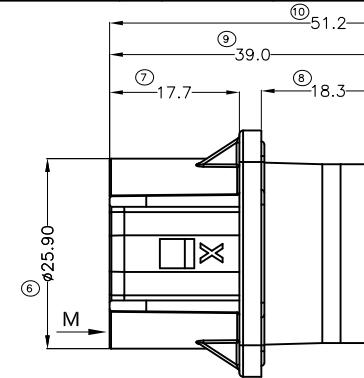
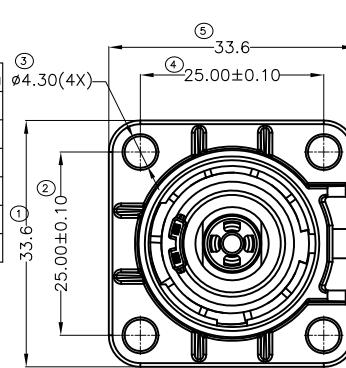
REV.	ECN NO.	DESCRIPTION	MDF'D	APP'D	DATE
01		INITIAL DESIGN	Andrew	Richard	01/11/2021
A1		更換新圖樣,正式版發行。	Denghong	Richard	07/30/2021
A2		修改備註第二條,增加額定電流的適用線徑。	Denghong	Richard	02/28/2022

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

Model No.	JPC No.	Polarization
TL00X-201-20M8	PCNTC115RC79-0	X
TL00Y-201-20M8	PCNTC215RC79-0	Y
TL00U-201-20M8	PCNTC315RC79-0	U
TL00V-201-20M8	PCNTC415RC79-0	V
TL00W-201-20M8	PCNTC515RC79-0	W
TL00T-201-20M8	PCNTC615RC79-0	T

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

Model No.	JPC No.	Polarization
TL00X-200-20M8	PCNTC105RC79-0	X
TL00Y-200-20M8	PCNTC205RC79-0	Y
TL00U-200-20M8	PCNTC305RC79-0	U
TL00V-200-20M8	PCNTC405RC79-0	V
TL00W-200-20M8	PCNTC505RC79-0	W
TL00T-200-20M8	PCNTC605RC79-0	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: Power:200A(Cross-sectional area is 50mm²);HVIL:5A;
150A(Cross-sectional area is 35mm²);HVIL:5A;
120A(Cross-sectional area is 25mm²);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. 绝缘阻抗 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 "PCNTC111RC78-0".

訂購信息 Ordering Information
T L 0 0 X - 2 0 0 - 1 0 D10

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

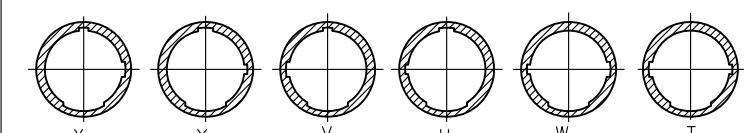
- 0, 不帶互鎖 No HVIL
- 1, 帶互鎖 With HVIL

端子類型 Type

- "10" 銅排
- "20" 螺柱

接線孔類型&大小 Size
M8

M方向鍵位示意圖



ROHS COMPLIANT
HALOGEN FREE

GENERAL
TOLERANCES:
(UNLESS SPECIFIED)

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

APV.D

SCALE
1:1

SIZE
A4

PART NO.
PCNTC115RC79-0

REV.
A2

SHEET
1 OF 1

JPC connectivity

TITLE
TL 200 Receptacle_螺柱
PD./FILE NO.
C20C0015A