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CUSTOMER DRAWING
DRWC-000558

REV.	ECN NO.	DESCRIPTION	MDF'D	APP'D	DATE
01		INITIAL DESIGN	Denghong	Richard	07/09/2020
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

A

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

Model No.	JPC No.	Polarization
TL00X-201-10D8	PCNTC113RC79-0	X
TL00Y-201-10D8	PCNTC213RC79-0	Y
TL00U-201-10D8	PCNTC313RC79-0	U
TL00V-201-10D8	PCNTC413RC79-0	V
TL00W-201-10D8	PCNTC513RC79-0	W
TL00T-201-10D8	PCNTC613RC79-0	T
TL00X-201-10M8	PCNTC111RC79-0	X
TL00Y-201-10M8	PCNTC211RC79-0	Y
TL00U-201-10M8	PCNTC311RC79-0	U
TL00V-201-10M8	PCNTC411RC79-0	V
TL00W-201-10M8	PCNTC511RC79-0	W
TL00T-201-10M8	PCNTC611RC79-0	T
TL00X-201-10D10	PCNTC114RC79-0	X
TL00Y-201-10D10	PCNTC214RC79-0	Y
TL00U-201-10D10	PCNTC314RC79-0	U
TL00V-201-10D10	PCNTC414RC79-0	V
TL00W-201-10D10	PCNTC514RC79-0	W
TL00T-201-10D10	PCNTC614RC79-0	T
TL00X-201-10M10	PCNTC112RC79-0	X
TL00Y-201-10M10	PCNTC212RC79-0	Y
TL00U-201-10M10	PCNTC312RC79-0	U
TL00V-201-10M10	PCNTC412RC79-0	V
TL00W-201-10M10	PCNTC512RC79-0	W
TL00T-201-10M10	PCNTC612RC79-0	T

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

Model No.	JPC No.	Polarization
TL00X-200-10D8	PCNTC103RC79-0	X
TL00Y-200-10D8	PCNTC203RC79-0	Y
TL00U-200-10D8	PCNTC303RC79-0	U
TL00V-200-10D8	PCNTC403RC79-0	V
TL00W-200-10D8	PCNTC503RC79-0	W
TL00T-200-10D8	PCNTC603RC79-0	T
TL00X-200-10M8	PCNTC101RC79-0	X
TL00Y-200-10M8	PCNTC201RC79-0	Y
TL00U-200-10M8	PCNTC301RC79-0	U
TL00V-200-10M8	PCNTC401RC79-0	V
TL00W-200-10M8	PCNTC501RC79-0	W
TL00T-200-10M8	PCNTC601RC79-0	T
TL00X-200-10D10	PCNTC104RC79-0	X
TL00Y-200-10D10	PCNTC204RC79-0	Y
TL00U-200-10D10	PCNTC304RC79-0	U
TL00V-200-10D10	PCNTC404RC79-0	V
TL00W-200-10D10	PCNTC504RC79-0	W
TL00T-200-10D10	PCNTC604RC79-0	T
TL00X-200-10M10	PCNTC102RC79-0	X
TL00Y-200-10M10	PCNTC202RC79-0	Y
TL00U-200-10M10	PCNTC302RC79-0	U
TL00V-200-10M10	PCNTC402RC79-0	V
TL00W-200-10M10	PCNTC502RC79-0	W
TL00T-200-10M10	PCNTC602RC79-0	T

NOTE :

- 工作温度 Operating temperature : -40°C ~ +125°C.
- 带高压互锁 Electrical interlock (HVIL).
- 额定电流 Current rating: 200A(Cross-sectional area is 50mm²) ;HVIL:5A;
15 0A(Cross-sectional area is 35mm²) ;HVIL:5A;
12 0A(Cross-sectional area is 25mm²) ;HVIL:5A;

5.耐 电 压 Dielectric withstanding voltage:

- 与插头对插后, Pin与铁壳之间:After matting,between Pin and metal shell:5000 VDC.
- 与插头对插后, Pin与HVIL之间:After matting,between Pin and HVIL:5000 VDC.
- 与插头对插后, HVIL与铁壳之间:After matting,between HVIL and metal shell:500 VDC.
- 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.

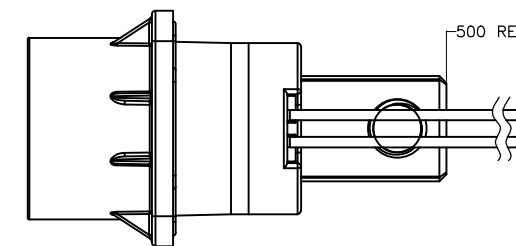
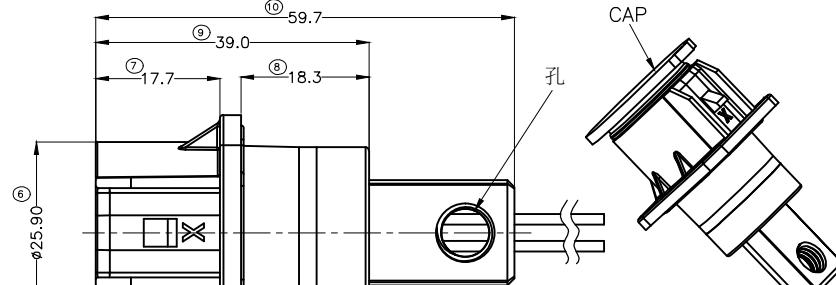
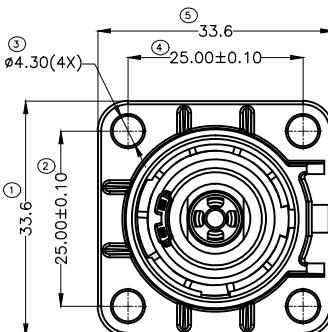
10.带自动二次锁扣 Automatic secondary lock.

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 "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

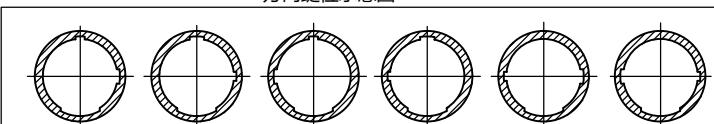
端子類型 Type

- "10" 銅排
- "20" 螺柱

接線孔類型&大小 Size

- M10 or D10
- M8 or D8

M方向鍵位示意圖



RoHS COMPLIANT

HALOGEN FREE

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

JPC connectivity

TITLE TL 200 Receptacle_銅排
PART NO. PCNTC113RC79-0
REV. A2
SHEET 1 OF 1

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A

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