

1. Materials and finish:
 (1) High-Temperature Thermoplastic 30% GF, UL94V-0
 Color: Black
 (2) Power and Signal Pins: Copper alloy.

2 Mark 15 : Part No(R-250F47****) And Date Code (Year**
& Week **)

3. Electrical Characteristics

Electrical Feature

Insulation Resistance ----- $\geq 10^{10}$ ohms

Initial Contact Resistance

Power Contact ----- 0.7 Milliohms max

Signal Contact

Voltage Proof

Power 1 thru 20 ----- 1500 Vrms

Power	45,46,47	-----	3000	Vrms

Power 21 thru

Current Rating

DC Output Power 1 thru 20 ----- 16 Amps

Input Power 45,46,47 ----- 23 Amps

Size 22 Signal Contacts ----- 2 Amps

Minimum Creepage Distance

Power 47 to 45 ----- 3.2 (.126)

Power 46 to 45 ----- 3.2 (.126)

Power 47 to Signal ----- 6.4 (.252)

Power to Signal ----- 6.4 (.252)

Power 47 to 46 ----- 2.5 (.098)

Power 45 to Signal ----- 2.0 (.079)

[illegible]

Directive Compliance.

5. Press-fit Part of Contacts Are Patent Protected.

[Finish: plating gold over nickel on all areas.

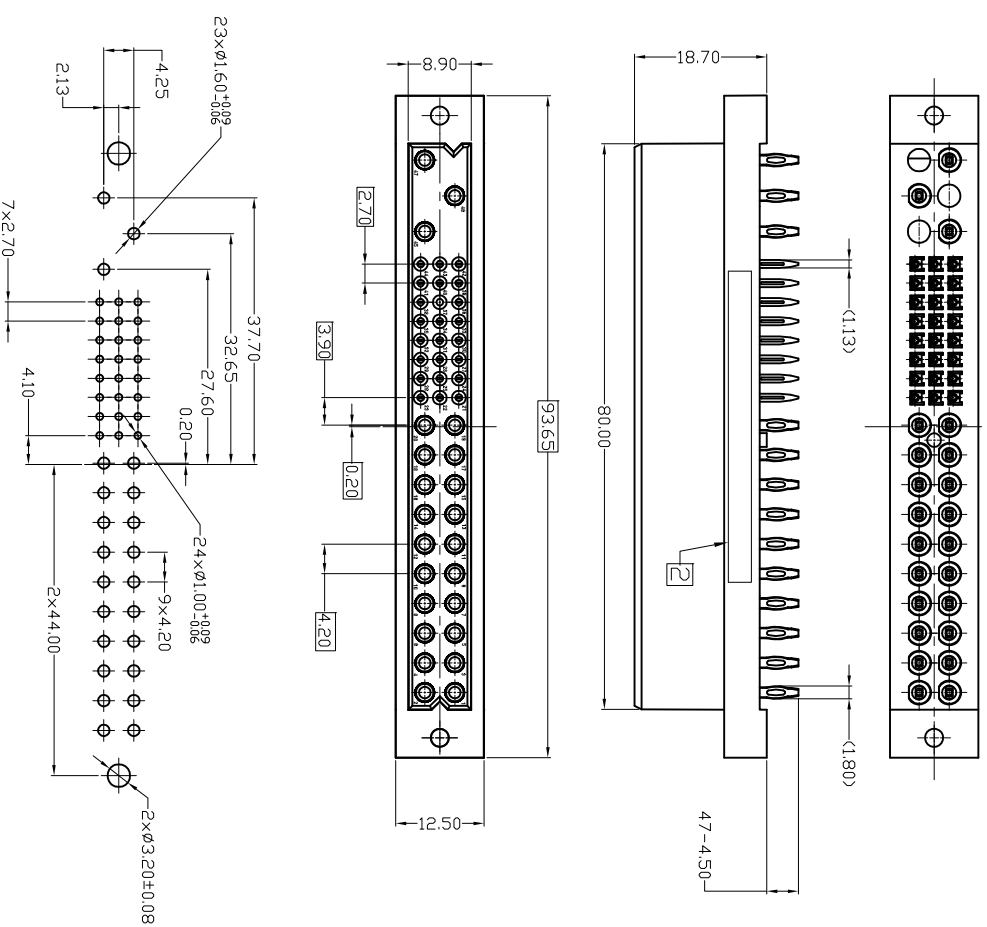
ZFinish: plating gold on mating area. Matte tin in tail

area, All over nickel on entire contact.

$$P/N$$

R-250F470*1N

CONTACT PLATING		
Code	Plating Description	Finish
A	LEVEL 2	6
B	LEVEL 1	6
F	LEVEL 3	6
G	LEVEL 2	7
H	LEVEL 1	7
I	LEVEL 3	7

[illegible]

NAME: CPCT 47P FEMALE ASSEMBLY (PRESS TYPE)			
DESIGN UNITS ■ mm □ INCH		NEXTIRON'S ENGINEERING CORP.	
GENERAL TOLERANCES: (UNLESS SPECIFIED)		TITLE: CUSTOMER DWG. C	
4 PLACE	± .005	± .005	
3 PLACE	± 0.10	± .005	
APPD:	蘇俊宏 S/408	DWG. NO:	010-0000-411
製作者: 蘇俊宏			

RECOMMENDED PC BOARD REQUIREMENTS (COMPONENT SIDE OF BOARD SHOWN)

Notes:

1. Materials and finish:

(1) High-Temperature Thermoplastic 30% GF, UL94V-0

Color: Black

(2) Power and Signal Pins: Copper alloy.

2) Mark Is : Part No(R-250F47****) And Date Code (Year**& Week **)

3. Electrical Characteristics

Electrical Feature

Insulation Resistance ----- $\geq 10^{10}$ ohms

Initial Contact Resistance

Power Contact ----- 0.7 Milliohms max

Signal Contact ----- 4.0 Milliohms max

Voltage Proof

Power 1 thru 20 ----- 1500 Vrms

Power	45,46,4/	-----	3000	Vrms
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Power 21 thru

Current Rating

DC Output Power 1 thru 20 ----- 16 Amps

Input Power	45,46,47	-----	23	Amps
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Size of signal contacts ----- 2 Amps

Minimum Creepage Distance

Power	FO	45	—	—	3.2 (1.26)
41	40	45	—	—	3.2 (1.26)
45	40	45	—	—	3.2 (1.26)

Power	46	to	45	-----	3.2 (1.6b)
Power	47	to	46	-----	4.1 (3.5b)

Power 4/	to signal	-----	6.4 (c2c)
Power 4/	to signal	-----	6.4 (c2c)

Power	47	±0.46	-----	25	{0.098}
Power	48	±0.46	-----	25	{0.098}
Power	49	±0.46	-----	25	{0.098}

Power	45	+0	Signal	-----	20 (079)
Power	47	60	48	-----	E.C (038)

4. RoHS Directive Compliance.

5. Press-fit Part of Contacts Are Patent Protected.

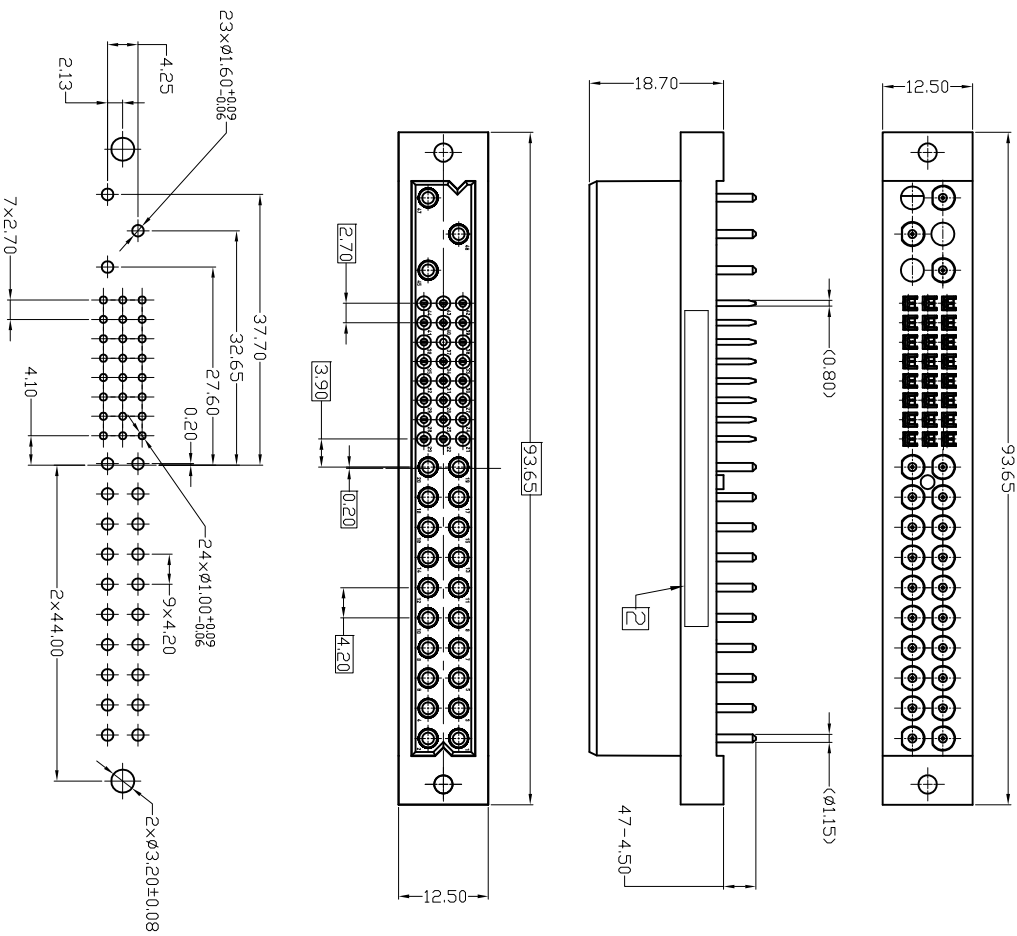
6 Finish: plating gold over nickel on all area.

☐ Finish: plating gold on mating area. Matte tin in tail area, All over nickel on entire contact.

$$P/N$$

R - 250F471*1N

CONTACT PLATING		
Code	Plating Description	Finish
A	LEVEL 2	<u>6</u>
B	LEVEL 1	<u>6</u>
F	LEVEL 3	<u>6</u>
G	LEVEL 2	<u>7</u>
H	LEVEL 1	<u>7</u>
I	LEVEL 3	<u>7</u>



RECOMMENDED PC BOARD REQUIREMENTS (COMPONENT SIDE OF BOARD SHOWN)

DESIGN UNITS ■ mm □ INCH				NAME: CPCL 47P FEMALE ASSEMBLY (SOLDER TYPE)				 NEXTTRONICS ENGINEERING CORP.			
GENERAL TOLERANCES: (UNLESS SPECIFIED)				PART NO: R-250F471*IN				TITLE: CUSTOMER DWG. C			
4 PLACE		± .010		± .010		± .010		DWG. NO: 010-0000-411			
3 PLACE		± 0.20		± .010		± .010					
2 PLACE		± 0.20		± .010		± .010					
1 PLACE		± 0.30		± .010		± .010					
ANGULAR		X± 1°		X± 1°		X± 1°					
DRAWN:		廖小瓊 5/4/08		CHKD: 楊海文 5/4/08		APPD: 蘇侯安 5/4/08					
X7		***		UPDATE THE P/N		5/4/08		L/A		A/LAN	
REV.		ECN. NO.		DESCRIPTION		DATE		DRAWN		APPD	