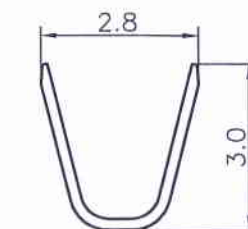
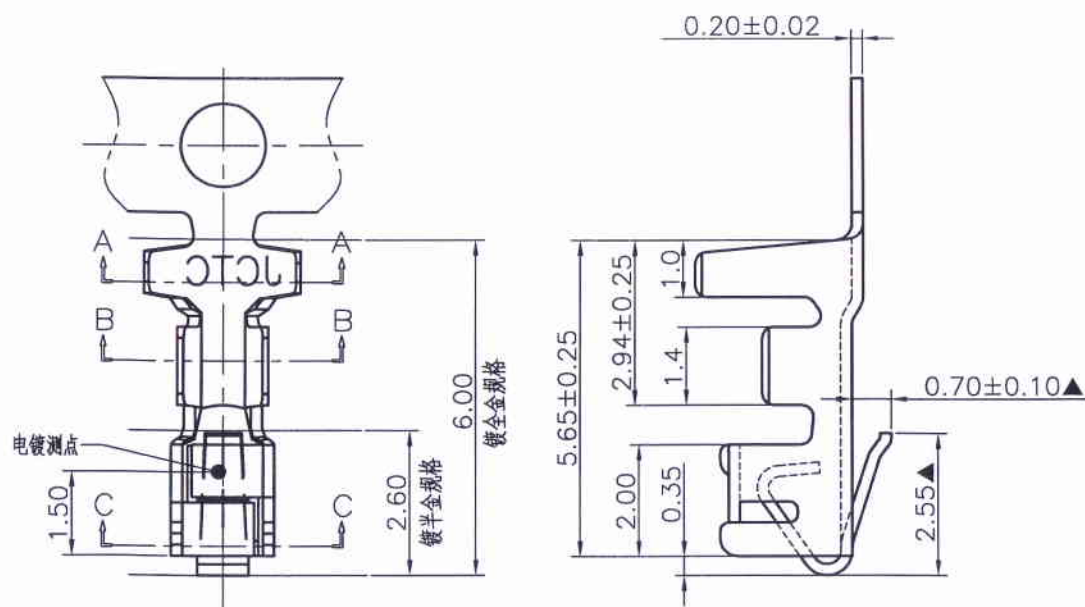
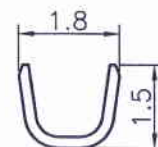


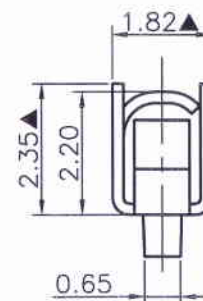
RoHS



SECTION A-A



SECTION B-B



SECTION C-C

Note: 12501TOP-XX-S

Finish

2E--Tin-plated(先冲后镀)

2--Tin-plated(先镀后冲)

0A--Gold-flash

0B--2u"

0C--3u"

0G--15u"

5A--Gold-flash

5B--2u"

5C--3u"

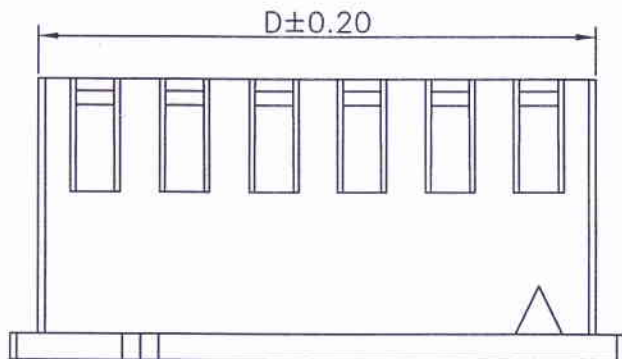
5G--15u"



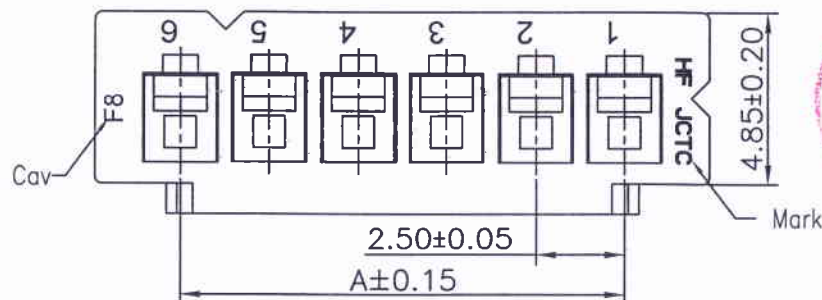
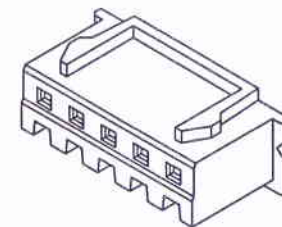
Part No	Wire Range	Insulation O.D.	Material	Finish	Qty/reel	Note
12501TOP-2-S	AWG #22~#28	1.70mm(max)	Phosphor Bronze	Tin-plated 60u"MIN	6,000 pcs	Stamping after plating
12501TOP-2E-S	AWG #22~#28	1.70mm(max)	Phosphor Bronze	Tin-plated 60u"MIN	6,000 pcs	Stamping before plating
12501TOP-0X-S	AWG #22~#28	1.70mm(max)	Phosphor Bronze	Gold-plated contact area	6,000 pcs	电镀测点区域镀厚金
12501TOP-5X-S	AWG #22~#28	1.70mm(max)	Phosphor Bronze	Gold-plated overall	6,000 pcs	电镀测点区域镀厚金

REV.	REVISION RECORD	DATE	GENERAL TOLERANCES	SCALE:	NAME	DATE	JCTC® 胜蓝科技股份有限公司	PART. NO:
C1	ECN1007221044	10.07.22	LINEAR	1:1	APPROVED		TERMINAL&CONNECTORS 东莞市富智达电子科技有限公司	12501TOP-XX-S
C2	ECN1301160008	13.01.16	0.0±0.25	X° REF±6°	DESIGNER		TITLE:	DWG. NO:
C3	合并12501TOP-2-S与12501TOP-2E-S图面新增镀金规格	16.04.22	UNIT: MM	0.00±0.15	X° ±3°			ENDE05
C4	更换公司名称	17.01.12	SIZE: A4	0.000±0.08	X° X'±2°	DRAWN	王国伟 17.01.12	REV: C4 SHEET: 1/1

XH2.5 端子

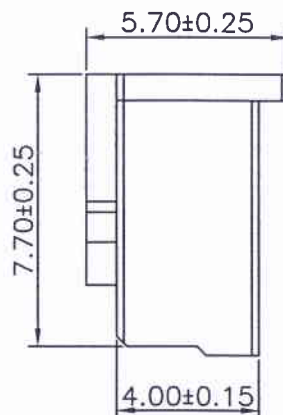
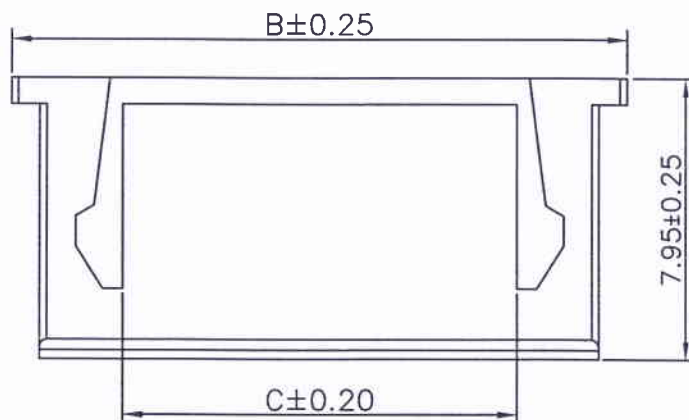


Specifications:
 Rated Voltage : 250V AC/DC
 Rated Current : 3A AC,DC
 Withstand Voltage : 1000V AC/minute
 Contact Resistance : 10mΩ(MAX.)
 Insulation Resistance : 1000MΩ(MIN.)
 Temperature Range : -25°C~+85°C
 The product using material and processing must conform to the "WI-PZ-142" HSF technical standard control requirements



12501H00-NPX-HF
 ① ② ③④ ⑤

- ① Series No.
- ② H90 : Side Contact
H00 : Up Contact
- ③ No. of Circuits
- ④ X : Product color(A--Y)
Blank : Natural type
- ⑤ HF : Halogen Free



Dimensional Ordering Information:				
Circuits Part No	Dimensions			
	A	B	C	D
2P	2.50	7.30	1.00	5.70
3P	5.00	9.80	3.50	8.20
4P	7.50	12.30	6.00	10.70
5P	10.00	14.80	8.50	13.20
6P	12.50	17.30	11.00	15.70
7P	15.00	19.80	13.50	18.20
8P	17.50	22.30	16.00	20.70
9P	20.00	24.80	18.50	23.20
10P	22.50	27.30	21.00	25.70
11P	25.00	29.80	23.50	28.20
12P	27.50	32.30	26.00	30.70
13P	30.00	34.80	28.50	33.20
14P	32.50	37.30	31.00	35.70
15P	35.00	39.80	33.50	38.20
16P	37.50	42.30	36.00	40.70

Part No.	Material	Color
12501H00-NP	Nylon 66,UL94V-0	本色
12501H00-NPC	Nylon 66,UL94V-0	红色
12501H00-NP-HF	Nylon 66,UL94V-0	无卤材料
12501H00-NPC-HF	Nylon 66,UL94V-0	红色无卤
12501H00-NPG-HF	Nylon 66,UL94V-0	蓝色无卤
12501H00-NPA-HF	Nylon 66,UL94V-0	黑色无卤
12501H00-NPE-HF	Nylon 66,UL94V-0	黄色无卤

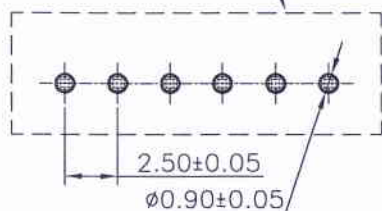
REV.	REVISION RECORD	DATE	UNIT: MM	GENERAL TOLERANCES		SCALE: 1:1	NAME	DATE
C5	HN1406230044	14.06.23		LINEAR	ANGLES	APPROVED		
C6	新增红色, 蓝色无卤规格	15.11.04		0.0±0.25	X° REF±6°	DESIGNER		
D0	新增黄色无卤规格	15.11.06		0.00±0.15	X° ±3°	DRAWN		
D1	更换公司名称	17.01.03	SIZE: A4	0.000±0.08	X° X'±2°		王国伟	17.01.03

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 TERMINAL&CONNECTORS 东莞市富智达电子科技有限公司

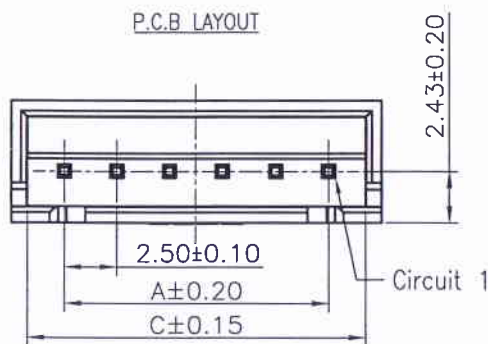
TITLE: XH 2.50mm PITCH HOUSING

PART. NO:	12501H00-NPX-XX
DWG. NO:	ENDE05
REV:	D1
SHEET:	1/1

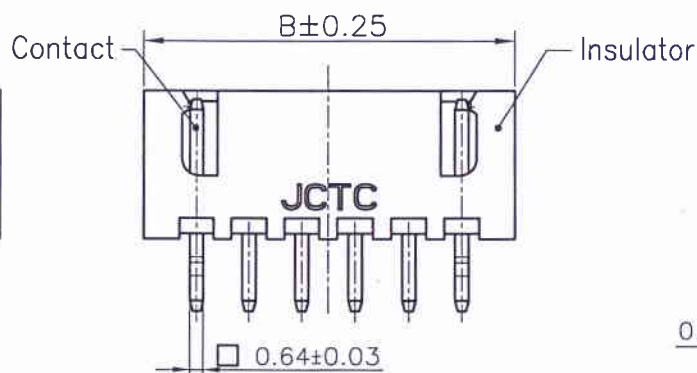
Conn. profile



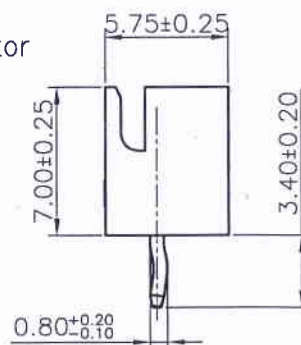
P.C.B LAYOUT



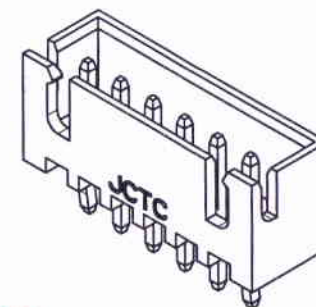
Circuit 1



2P



Specifications:
Rated Voltage : 250V AC/DC
Rated Current : 3A AC,DC
Withstand Voltage : 1000V AC/minute
Contact Resistance : 10mΩ(MAX.)
Insulation Resistance : 1000MΩ(MIN.)
Temperature Range : -25°C~+85°C
Contact: Brass/Tin-plated
Material: Nylon66 UL94V-0 Halogen Free.
The product using material and processing must conform to the "WI-PZ-142"HSF technical standard control requirements



12501W00-NPX-HF

① ② ③ ④ ⑤

- ① Series No.
- ② W90 : Side Contact
W00 : Up Contact
- ③ No. of Circuits
- ④ X : Product color(A--Y)
Blank-Natural C-Red
F-Greer G-Blue
- ⑤ HF : Halogen Free



Circuits	Dimensions		
	A	B	C
2P	--	7.50	6.00
3P	5.00	10.00	8.50
4P	7.50	12.50	11.00
5P	10.00	15.00	13.50
6P	12.50	17.50	16.00
7P	15.00	20.00	18.50
8P	17.50	22.50	21.00
9P	20.00	25.00	23.50
10P	22.50	27.50	26.00
11P	25.00	30.00	28.50
12P	27.50	32.50	31.00
13P	30.00	35.00	33.50
14P	32.50	37.50	36.00
15P	35.00	40.00	38.50
16P	37.50	42.50	41.00

REV.	REVISION RECORD	DATE	UNIT: MM	GENERAL TOLERANCES		SCALE: 1:1	NAME	DATE
				LINEAR	ANGLES			
C0	新图面发行	13.08.19	SIZE: A4	0.0±0.25	X° REF±6°	APPROVED	李国伟	17.06.23
C1	新增颜色规格	14.05.16		0.00±0.15	X° ±3°	DESIGNER	王宏伟	16.12.26
C2	更换公司名称	16.12.26		0.000±0.08	X° X'±2°	DRAWN	王宏伟	16.12.26

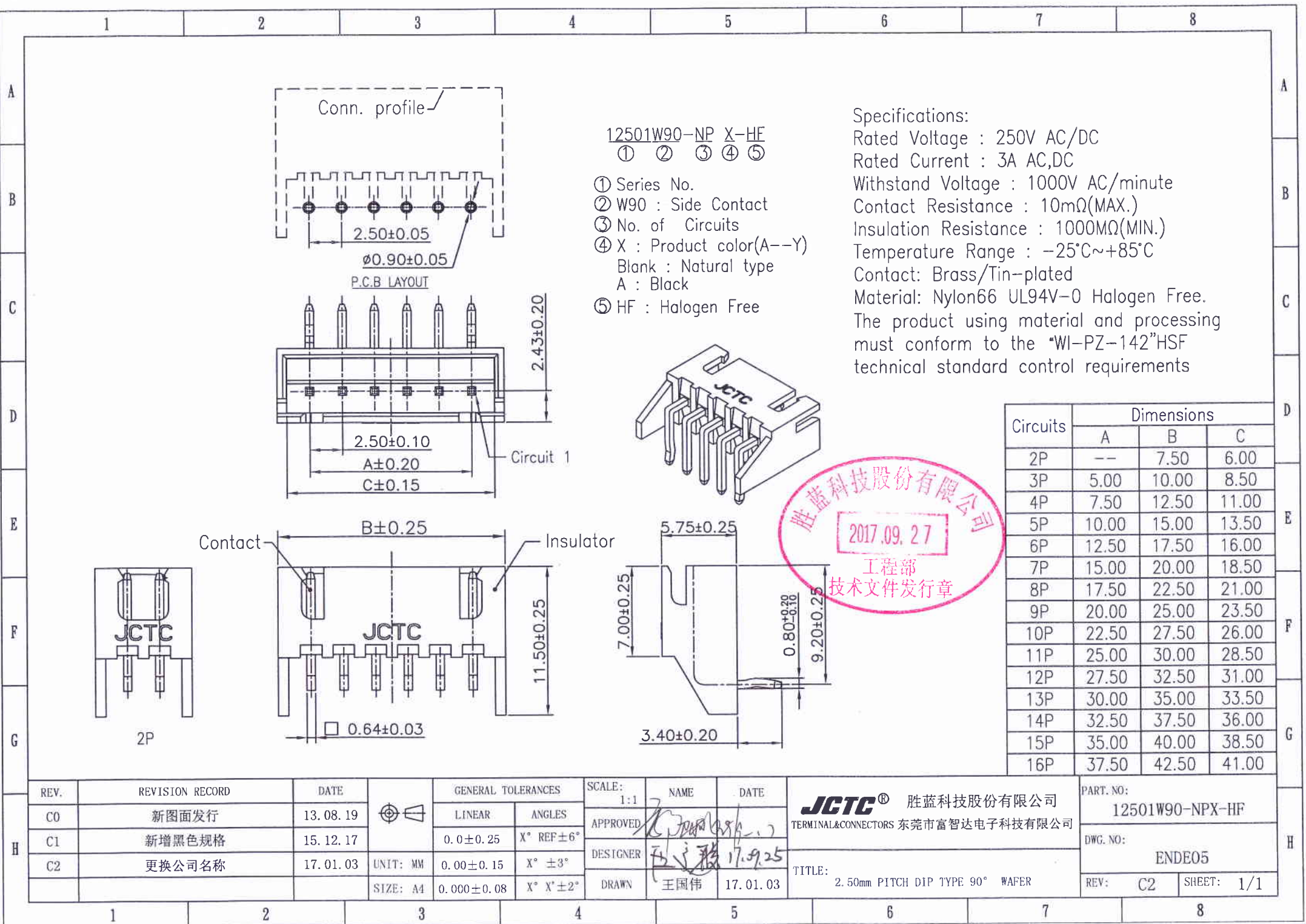
JCTC® 胜蓝科技股份有限公司
TERMINAL&CONNECTORS 东莞市富智达电子科技有限公司

PART. NO:
12501W00-NP-HF

DWG. NO:
ENDE05

TITLE:
2.50mm PITCH DIP TYPE 180° WAFER

REV: C2 SHEET: 1/1



12501W90-NP X-HF

① ② ③ ④ ⑤

- ① Series No.
- ② W90 : Side Contact
- ③ No. of Circuits
- ④ X : Product color(A--Y)
Blank : Natural type
A : Black
- ⑤ HF : Halogen Free

Specifications:

Rated Voltage : 250V AC/DC

Rated Current : 3A AC,DC

Withstand Voltage : 1000V AC/minute

Contact Resistance : 10mΩ(MAX.)

Insulation Resistance : 1000MΩ(MIN.)

Temperature Range : -25°C~+85°C

Contact: Brass/Tin-plated

Material: Nylon66 UL94V-0 Halogen Free.

The product using material and processing must conform to the "WI-PZ-142"HSF technical standard control requirements

Circuits	Dimensions		
	A	B	C
2P	--	7.50	6.00
3P	5.00	10.00	8.50
4P	7.50	12.50	11.00
5P	10.00	15.00	13.50
6P	12.50	17.50	16.00
7P	15.00	20.00	18.50
8P	17.50	22.50	21.00
9P	20.00	25.00	23.50
10P	22.50	27.50	26.00
11P	25.00	30.00	28.50
12P	27.50	32.50	31.00
13P	30.00	35.00	33.50
14P	32.50	37.50	36.00
15P	35.00	40.00	38.50
16P	37.50	42.50	41.00

REV.	REVISION RECORD	DATE		GENERAL TOLERANCES		SCALE: 1:1	NAME	DATE	 胜蓝科技股份有限公司 TERMINAL&CONNECTORS 东莞市富智达电子科技有限公司	PART. NO: 12501W90-NPX-HF
C0	新图面发行	13.08.19		LINEAR	ANGLES	APPROVED				DWG. NO: ENDE05
C1	新增黑色规格	15.12.17		0.0±0.25	X° REF±6°	DESIGNER		17.09.25		
C2	更换公司名称	17.01.03		UNIT: MM	0.00±0.15	X° ±3°	DRAWN	王国伟		
			SIZE: A4	0.000±0.08	X° X'±2°				REV: C2	SHEET: 1/1