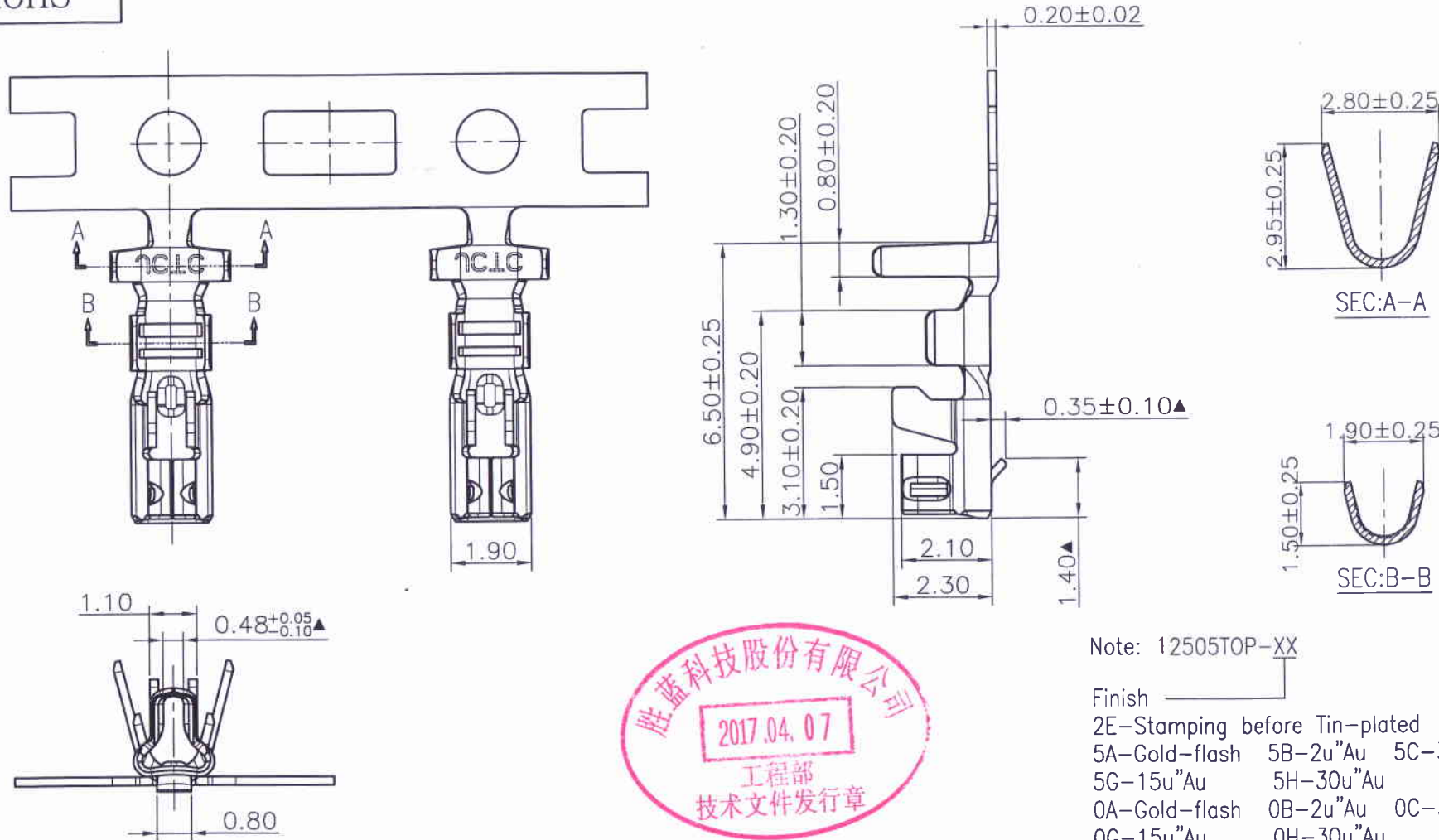


RoHS



Note: 12505TOP-XX

Finish

2E—Stamping before Tin-plated

5A—Gold-flash 5B—2u"Au 5C—3u"Au 5E—5u"Au

5G—15u"Au 5H—30u"Au

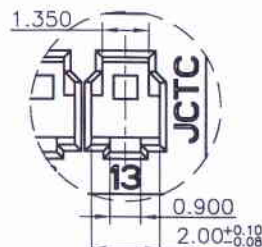
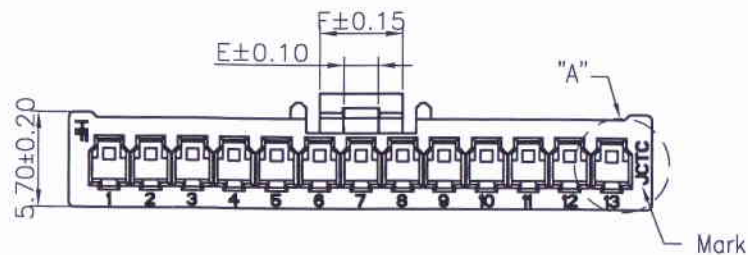
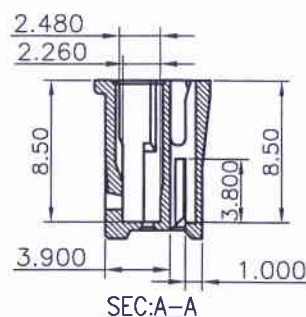
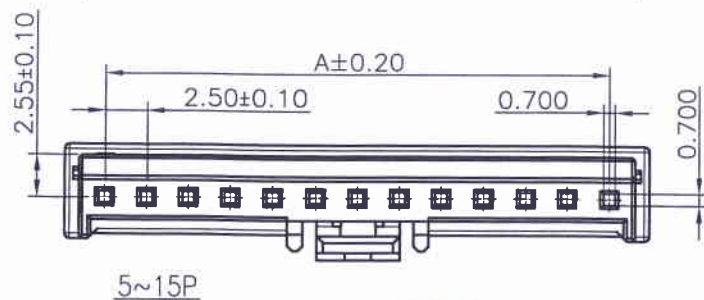
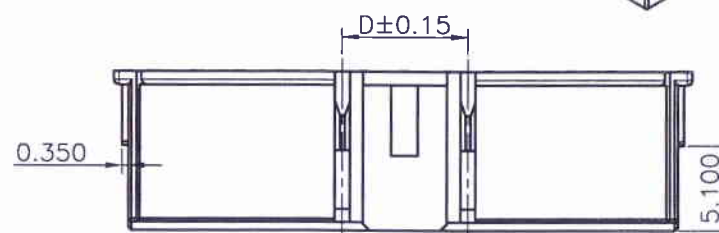
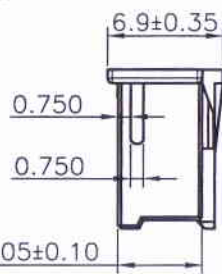
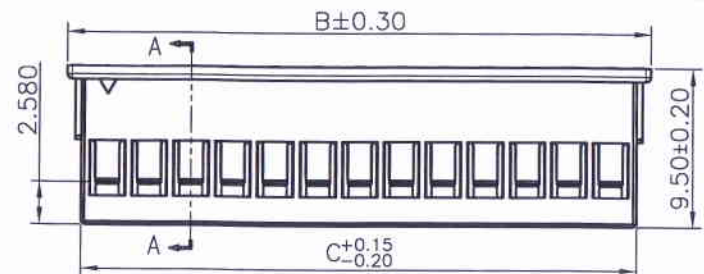
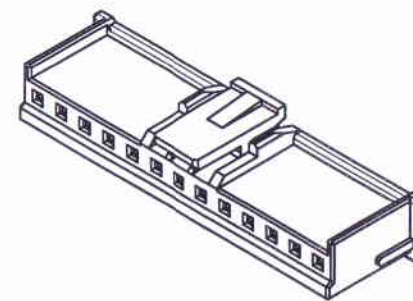
0A—Gold-flash 0B—2u"Au 0C—3u"Au 0E—5u"Au

0G—15u"Au 0H—30u"Au

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
12505TOP-2E	AWG #22~#28	1.90mm(max)	Phosphor Bronze	Tin-plated	8,000 pcs
12505TOP-0X	AWG #22~#28	1.90mm(max)	Phosphor Bronze	Gold-plated contact area	8,000 pcs
12505TOP-5X	AWG #22~#28	1.90mm(max)	Phosphor Bronze	Gold-plated over all	8,000 pcs

REV.	REVISION RECORD	DATE	GENERAL TOLERANCES	SCALE:	NAME	DATE	JCTC® 胜蓝科技股份有限公司	PART. NO:
C0	新图面发行	14.06.25	LINEAR	1:1	APPROVED		TERMINAL&CONNECTORS 东莞市富智达电子科技有限公司	12505TOP-XX
C1	更新公司名称	17.03.28	0.0±0.25		DESIGNER			DWG. NO:
			UNIT: MM 0.00±0.15					ENDE05
			SIZE: A4 0.000±0.08		DRAWN	伍文聪	TITLE: XA 2.50 Terminal	REV: C1 SHEET: 1/1

RoHS

DETAIL "A"
SCALE 2:1

12505H00-NP-L-HF

① ② ③ ④ ⑤

- ① Series No.
② H90 : Side Contact
H00 : Up Contact
③ No. of Circuits
④ L: With Lock
⑤ HF: Halogen Free

Circuits Part No	Dimensions					
	A	B	C	D	E	F
2P	--	7.3	5.6	4.90	1.15	2.90
3P	5.0	9.8	8.1	7.00	2.05	4.40
4P	7.5	12.3	10.6	7.50	2.05	5.00
5P	10.0	14.8	13.1	7.50	2.05	5.00
6P	12.5	17.3	15.6	7.50	2.05	5.00
7P	15.0	19.8	18.1	7.50	2.05	5.00
8P	17.5	22.3	20.6	7.50	2.05	5.00
9P	20.0	24.8	23.1	7.50	2.05	5.00
10P	22.5	27.3	25.6	7.50	2.05	5.00
11P	25.0	29.8	28.1	7.50	2.05	5.00
12P	27.5	32.3	30.6	7.50	2.05	5.00
13P	30.0	34.8	33.1	7.50	2.05	5.00
14P	32.5	37.3	35.6	7.50	2.05	5.00
15P	35.0	39.8	38.1	7.50	2.05	5.00



2~4P



Specifications:

Voltage Rating : 250V AC/DC

Current Rating : 3A AC,DC

Withstand Voltage : 1000V AC/minute

Contact Resistance : 10mΩ(MAX.)

Insulation Resistance : 1000MΩ(MIN.)

Temperature Range : -25°C~+85°C

Suitable for JCTC 12505 series terminal

Part No.	Material	Color
12505H00-NP-L-HF	Nylon 66,UL94V-0	Natural(White)

REV.	REVISION RECORD	DATE	UNIT: MM	GENERAL TOLERANCES		SCALE:	NAME	DATE
				LINEAR	ANGLES	1:1		
C0	换图框发行	11.11.14	SIZE: A4	0.0±0.25	X° REF±6°	APPROVED	伍文聪	2017.03.20
C1	新增加PIN位规格	13.12.16		0.00±0.15	X° ±3°	DESIGNER	伍文聪	17.03.20
C2	HR1703020027	17.03.20		0.000±0.08	X° X'±2°	DRAWN	伍文聪	17.03.20

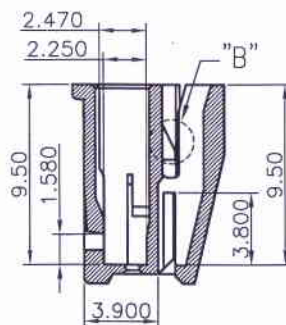
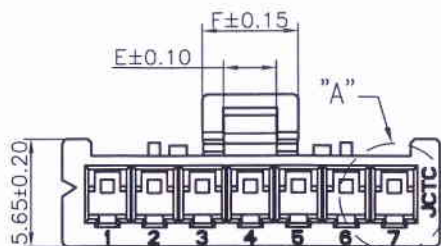
JCTC® 胜蓝科技股份有限公司
TERMINAL&CONNECTORS 东莞市富智达电子科技有限公司

TITLE:

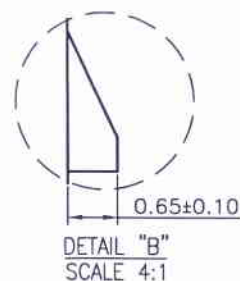
XA 2.50mm PITCH HOUSING

PART NO:	12505H00-NP-L-HF-XX
DWG NO:	ENDE05
REV:	C2
SHEET:	1/1

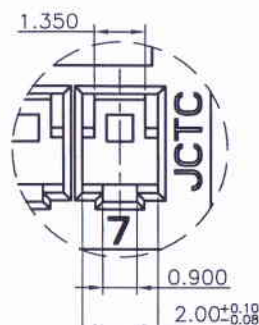
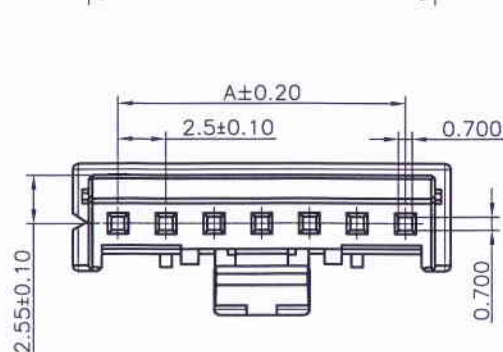
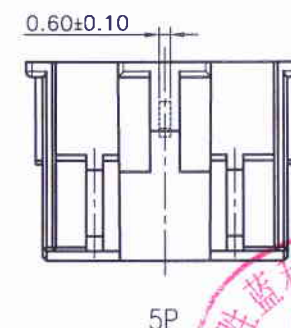
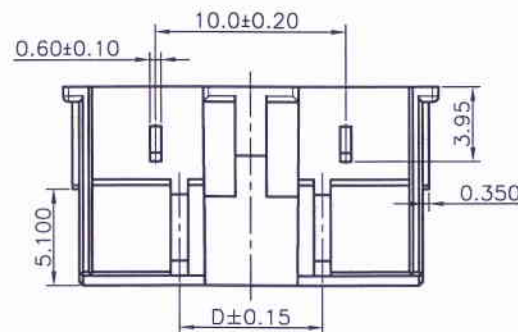
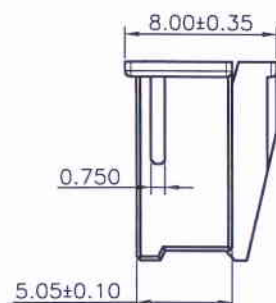
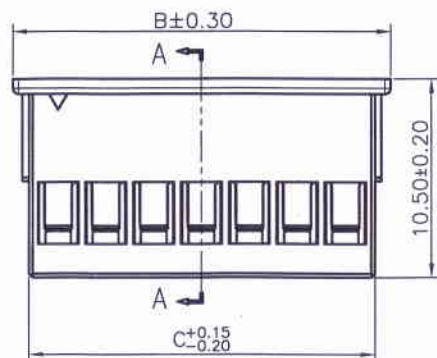
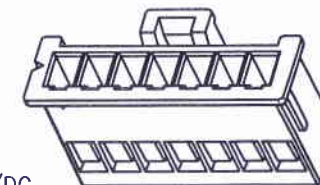
RoHS



SEC:A-A



Specifications:
Voltage Rating : 250V AC/DC
Current Rating : 3A AC,DC
Withstand Voltage : 1000V AC/minute
Contact Resistance : 10mΩ(MAX.)
Insulation Resistance : 1000MΩ(MIN.)
Temperature Range : -25°C~+85°C

DETAIL "A"
SCALE 2:1

12505H00-NP-L1-HF-NK

① ② ③ ④ ⑤ ⑥

- ① Series No.
② H90 : Side Contact
H00 : Up Contact
③ No. of Circuits
④ L1: With Lock
⑤ HF: Halogen Free
⑥ NK: No Mark

Circuits Part No	Dimensions					
	A	B	C	D	E	F
5P	10.00	14.80	13.10	7.50	2.75	5.00
7P	15.00	19.80	18.10	7.50	2.75	5.00



Part No.	Material	Color
12505H00-NP-L1-HF	Nylon 66,UL94V-0	Natural(White)

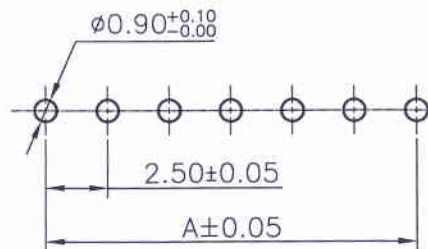
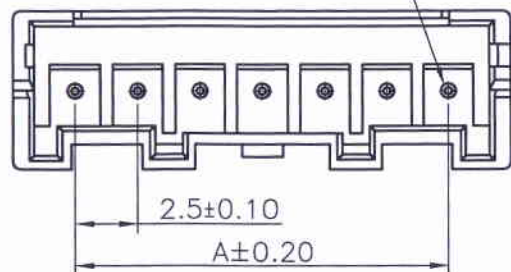
REV.	REVISION RECORD	DATE	GENERAL TOLERANCES	SCALE:	NAME	DATE
C0	新图面发行	13.12.16	LINEAR	1:1	APPROVED	
C1	更新公司名称	17.04.07	0.0±0.25		DESIGNER	
			0.00±0.15		DRAWN	
			0.000±0.08			

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TERMINAL&CONNECTORS 东莞市富智达电子科技有限公司
TITLE: XA 2.50mm PITCH HOUSING

PART. NO:	12505H00-NP-L1-HF
DWG. NO:	ENDE05
REV:	C1
SHEET:	1/1

RoHS

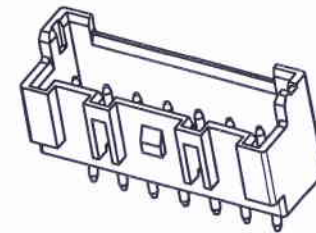
Circuit 1



P.C.B. LAYOUT

Specifications:

Voltage Rating : 250V AC/DC
 Current Rating : 3A AC,DC
 Withstand Voltage : 1000V AC/minute
 Contact Resistance : 10mΩ(MAX.)
 Insulation Resistance : 1000MΩ(MIN.)
 Temperature Range : -25°C~+85°C



12505W00-NP-XX-HF

① ② ③ ④ ⑤

① Series No.

② W90 : Side Contact

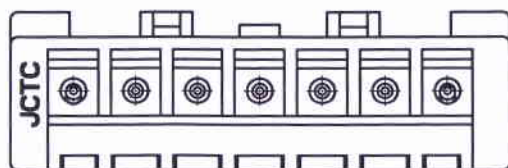
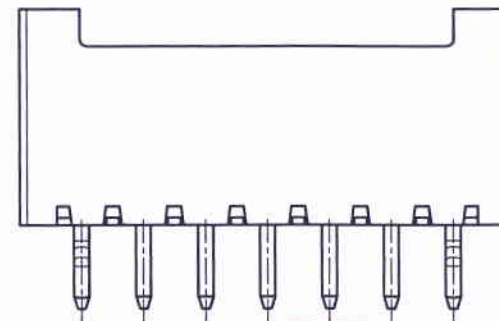
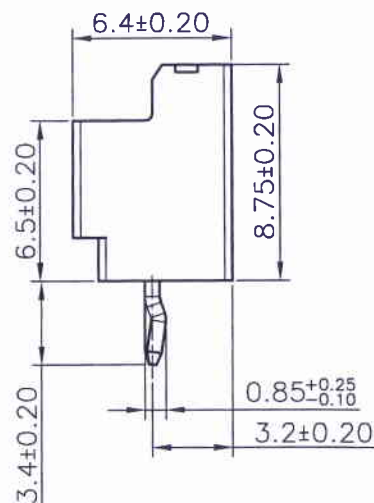
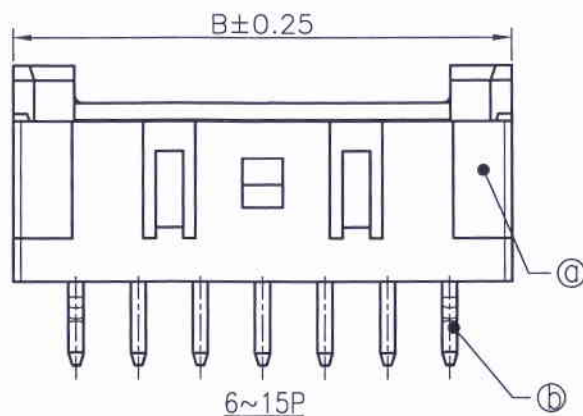
W00 : Up Contact

③ No. of Circuits

④ 5A : Gold Flash

⑤ HF : Halogen Free

Circuits Part No	Dimensions	
	A	B
2P	--	7.50
3P	5.00	10.00
4P	7.50	12.50
5P	10.00	15.00
6P	12.50	17.50
7P	15.00	20.00
8P	17.50	22.50
9P	20.00	25.00
10P	22.50	27.50
11P	25.00	30.00
12P	27.50	32.50
13P	30.00	35.00
14P	32.50	37.50
15P	35.00	40.00

4P, 5P
Scale 1:0.52P, 3P
Scale 1:0.5

Part No.	Insulator	Color	Contact
12505W00-NP-HF	Nylon 66, UL94V-0	Natural(White)	Brass/Tin-plated
12505W00-NP-5A-HF	Nylon 66, UL94V-0	Natural(White)	Brass/Gold Flash

REV.	REVISION RECORD	DATE	GENERAL TOLERANCES	SCALE: 1:1	NAME	DATE	PART. NO:
A0	新图面发行	14.12.12	LINEAR	APPROVED	伍文聪	17.05.23	12505W00-NP-HF
A1	更新公司名称	17.04.07	0.0±0.25	DESIGNER	伍文聪	17.05.23	DWG. NO:
			0.00±0.15	DRAWN	伍文聪	17.05.23	ENDE05
			0.00±0.08				REV: A1 SHEET: 1/1

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

TITLE: 2.50mm PITCH DIP TYPE WAFER

RoHS

Specifications:

Voltage Rating : 250V AC/DC

Current Rating : 3A AC,DC

Withstand Voltage : 1000V AC/minute

Contact Resistance : 10mΩ(MAX.)

Insulation Resistance : 1000MΩ(MIN.)

Temperature Range : -40°C~+105°C

12505W90-NP X -L-HF
① ② ③ ④ ⑤ ⑥

① Series No.

② W90 : Side Contact

W00 : Up Contact

③ No. of Circuits

④ X : Product color(A--Y)

Blank: Natural type

⑤ L : Lock Type

⑥ HF : Halogen Free

P.C.B. LAYOUT

SEC:A-A

Circuits Part No	Dimensions				
	A	B	C	D	E
5P	10.00	15.00	13.30	7.50	1.60
6P	12.50	17.50	15.80	7.50	1.60
7P	15.00	20.00	18.30	7.50	1.60
8P	17.50	22.50	20.80	7.50	1.60
9P	20.00	25.00	23.30	7.50	1.60
10P	22.50	27.50	25.80	7.50	1.60
11P	25.00	30.00	28.30	7.50	1.60
12P	27.50	32.50	30.80	7.50	1.60
13P	30.00	35.00	33.30	7.50	1.60
14P	32.50	37.50	35.80	7.50	1.60
15P	35.00	40.00	38.30	7.50	1.60

Part No.	Insulator	Contact	Color
12505W90-NP-L-HF	Nylon 66,UL94V-0	Brass/Matte Tin-plated	Natural (White)
12505W90-NPJ-L-HF	Nylon 66,UL94V-0	Brass/Matte Tin-plated	Gray

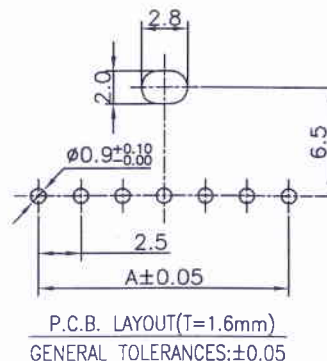
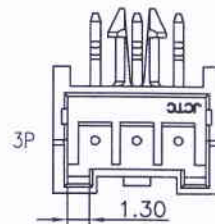
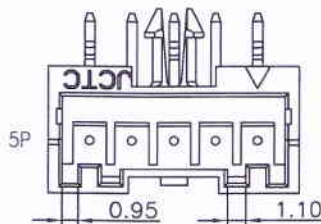
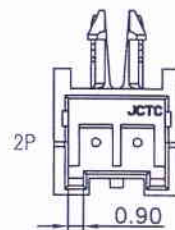
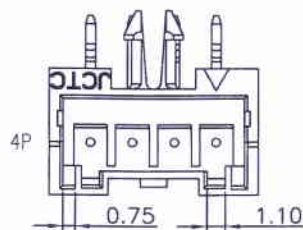
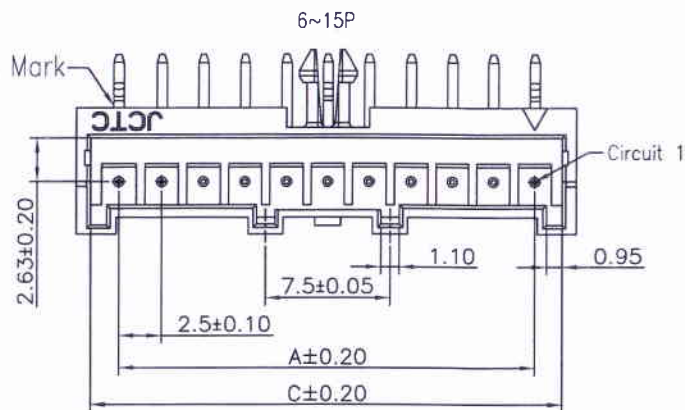
REV.	REVISION RECORD	DATE		GENERAL TOLERANCES		SCALE:	NAME	DATE
A0	新图面发行	17.03.28		LINEAR	ANGLES	1:1		
				0.0±0.25	X° REF±6°	APPROVED	28/3/28	
				UNIT: MM	0.00±0.15	DESIGNER	17.03.28	
				SIZE: A4	0.000±0.08	DRAWN	伍文聪	17.03.28

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TERMINAL&CONNECTORS 东莞市富智达电子科技有限公司

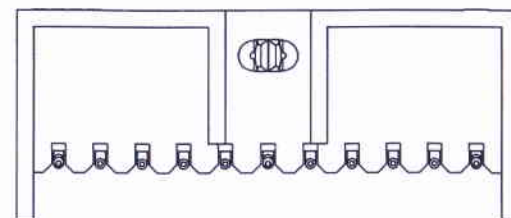
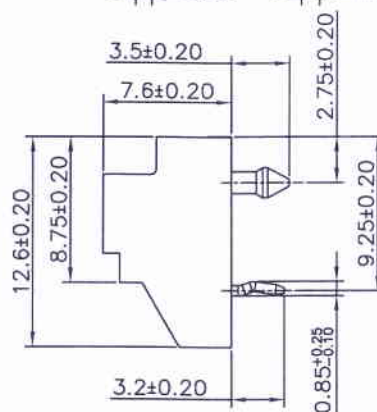
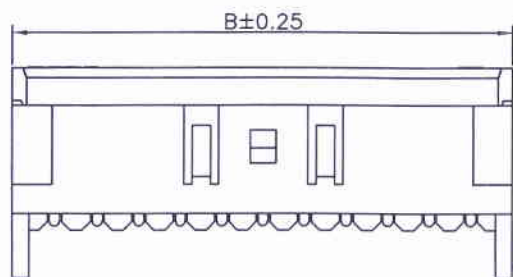
TITLE: 2.50mm PITCH DIP TYPE WAFER

PART. NO:
12505W90-NPX-L-HFDWG. NO:
ENDE05

REV: A0 SHEET: 1/1



Circuits Part No	Dimensions		
	A	B	C
2P	—	7.50	5.80
3P	5.00	10.00	8.30
4P	7.50	12.50	10.80
5P	10.00	15.00	13.30
6P	12.50	17.50	15.80
7P	15.00	20.00	18.30
8P	17.50	22.50	20.80
9P	20.00	25.00	23.30
10P	22.50	27.50	25.80
11P	25.00	30.00	28.30
12P	27.50	32.50	30.80
13P	30.00	35.00	33.30
14P	32.50	37.50	35.80
15P	35.00	40.00	38.30



Specifications:

Voltage Rating : 250V AC/DC
 Current Rating : 3A AC,DC
 Withstand Voltage : 1000V AC/minute
 Contact Resistance : 10mΩ(MAX.)
 Insulation Resistance : 1000MΩ(MIN.)
 Temperature Range : -25°C~+85°C
 Contact: Brass/Matte Tin-plated
 Material: Nylon 66,UL94V-0 Halogen Free
 The product using material and processing must conform to the "WI-PZ-142"HSF technical standard control requirements

12505W90-NP X-F-HF

① ② ③ ④ ⑤ ⑥

① Series No.

② W90 : Side Contact

W00 : Up Contact

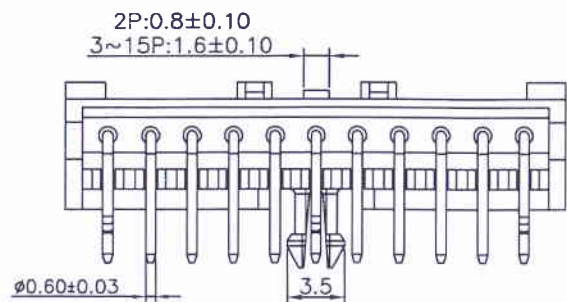
③ No. of Circuits

④ X : Product color(A--Y)

Blank : Natural type J : Gray

⑤ F : With Boss

⑥ HF : Halogen Free



REV.	REVISION RECORD	DATE		GENERAL TOLERANCES		SCALE: 1:1	NAME	DATE	PART. NO: 12505W90-NPX-F-HF	DWG. NO: ENDE05	 TERMINAL&CONNECTORS
C0	新图面发行	13. 10. 14 <th>LINEAR</th> <th>ANGLES</th> <th>APPROVED</th> <td></td> <td>20.05.18</td>		LINEAR	ANGLES	APPROVED		20.05.18			
C1	新增Pin位颜色	16. 12. 01 <td>0.0±0.25</td> <td>X° REF±6°</td> <th>DESIGNER</th> <td></td> <td>20.05.18</td> <th rowspan="2">TITLE: 2.50mm PITCH DIP TYPE WAFER</th>	0.0±0.25	X° REF±6°	DESIGNER		20.05.18	TITLE: 2.50mm PITCH DIP TYPE WAFER			
C2	新增系列PIN位规格	17. 03. 02	UNIT: MM	0.00±0.15	X° ±3°	DRAWN	张振坤		20.05.18		
C3	WN2005180097	20. 05. 18	SIZE: A4	0.000±0.08	X° X'±2°				REV: C3	SHEET: 1/1	

