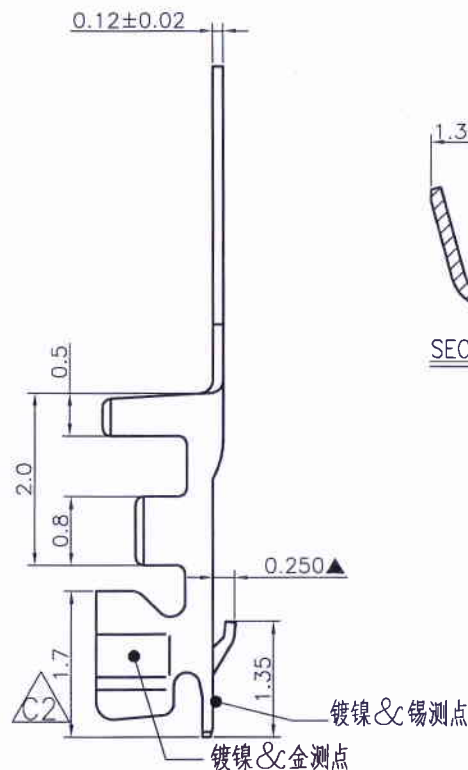
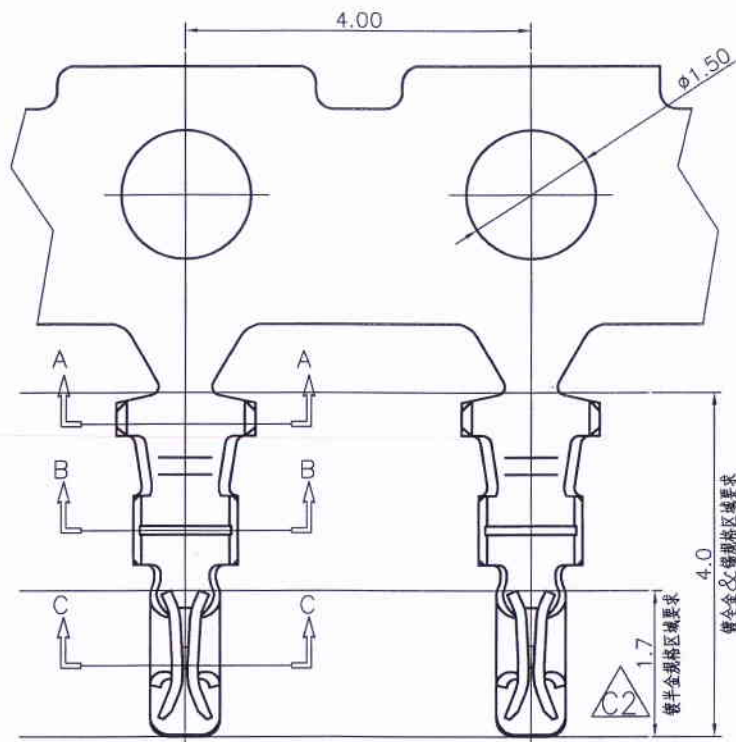


Specification & Ordering Information:

Options	Part No	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
1	11002TOP-2E-S-NK	AWG #28~#32	0.80mm(max)	Phosphor Bronze	Ni30u"Min,Sn80u"Min	2,0000 PCS
2	11002TOP-5X-S-NK	AWG #28 #32	0.80mm(max)	Phosphor Bronze	Ni30u"Min,Gold Plated on Overall.	2,0000 PCS
3	11002TOP-0X-S-NK	AWG #28~#32	0.80mm(max)	Phosphor Bronze	Ni30u"Min,Gold Plated on Contact Area.	2,0000 PCS

Note:11002TOP-XX-S-NK $\triangle$

0A---Gold-flash 0B---2u" 0C---3u" 0D---4u" 0E---5u" 5A---Gold-flash 5B---2u" 5C---3u" 5D---4u" 5E---5u"
 0F---10u" 0G---15u" 0H---30u" 0I---50u" 5F---10u" 5G---15u" 5H---30u" 5I---50u"
 2E---Tin-plated

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



REV.	REVISION RECORD	DATE	GENERAL TOLERANCES	SCALE:	NAME	DATE	PART. NO:
C2	TR1007270049	10.08.05	LINEAR	1:1	APPROVED	2019.03.07	11002TOP-XX-S-NK
C3	TR1105310082	11.05.31	0.0±0.25	ANGLES	DESIGNER	2019.03.07	DWG. NO:
C4	TN1310230182	13.10.28	UNIT: MM	0.00±0.15	DRAWN	卢小锋	ENDE05
C5	变更公司名称	17.02.10	SIZE: A4	0.000±0.08			REV: C5 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: JST1.0端子 松端

	1	2	3	4	5	6	7	8																																																																																																																												
A	Specifications: Rated Voltage : 50V AC/DC Rated Current : 1A AC,DC Withstand Voltage : 500V AC/minute Contact Resistance : 20mΩ(MAX.) Insulation Resistance : 100MΩ(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								<table><tr><td rowspan="2">Circuits</td><td colspan="4">Dimensions</td></tr><tr><td>Part No</td><td>A</td><td>B</td><td>C</td><td>D</td></tr><tr><td>2P</td><td>1.00</td><td>2.40</td><td>5.00</td><td>3.00</td></tr><tr><td>3P</td><td>2.00</td><td>3.40</td><td>6.00</td><td>4.00</td></tr><tr><td>4P</td><td>3.00</td><td>4.40</td><td>7.00</td><td>5.00</td></tr><tr><td>5P</td><td>4.00</td><td>5.40</td><td>8.00</td><td>6.00</td></tr><tr><td>6P</td><td>5.00</td><td>6.40</td><td>9.00</td><td>7.00</td></tr><tr><td>7P</td><td>6.00</td><td>7.40</td><td>10.00</td><td>8.00</td></tr><tr><td>8P</td><td>7.00</td><td>8.40</td><td>11.00</td><td>9.00</td></tr><tr><td>9P</td><td>8.00</td><td>9.40</td><td>12.00</td><td>10.00</td></tr><tr><td>10P</td><td>9.00</td><td>10.40</td><td>13.00</td><td>11.00</td></tr><tr><td>11P</td><td>10.00</td><td>11.40</td><td>14.00</td><td>12.00</td></tr><tr><td>12P</td><td>11.00</td><td>12.40</td><td>15.00</td><td>13.00</td></tr><tr><td>13P</td><td>12.00</td><td>13.40</td><td>16.00</td><td>14.00</td></tr><tr><td>14P</td><td>13.00</td><td>14.40</td><td>17.00</td><td>15.00</td></tr><tr><td>15P</td><td>14.00</td><td>15.40</td><td>18.00</td><td>16.00</td></tr><tr><td>16P</td><td>15.00</td><td>16.40</td><td>19.00</td><td>17.00</td></tr><tr><td>17P</td><td>16.00</td><td>17.40</td><td>20.00</td><td>18.00</td></tr><tr><td>18P</td><td>17.00</td><td>18.40</td><td>21.00</td><td>19.00</td></tr><tr><td>19P</td><td>18.00</td><td>19.40</td><td>22.00</td><td>20.00</td></tr><tr><td>20P</td><td>19.00</td><td>20.40</td><td>23.00</td><td>21.00</td></tr><tr><td>21P</td><td>20.00</td><td>21.40</td><td>24.00</td><td>22.00</td></tr><tr><td>24P</td><td>23.00</td><td>24.40</td><td>27.00</td><td>25.00</td></tr><tr><td>30P</td><td>29.00</td><td>30.40</td><td>33.00</td><td>31.00</td></tr></table>				Circuits	Dimensions				Part No	A	B	C	D	2P	1.00	2.40	5.00	3.00	3P	2.00	3.40	6.00	4.00	4P	3.00	4.40	7.00	5.00	5P	4.00	5.40	8.00	6.00	6P	5.00	6.40	9.00	7.00	7P	6.00	7.40	10.00	8.00	8P	7.00	8.40	11.00	9.00	9P	8.00	9.40	12.00	10.00	10P	9.00	10.40	13.00	11.00	11P	10.00	11.40	14.00	12.00	12P	11.00	12.40	15.00	13.00	13P	12.00	13.40	16.00	14.00	14P	13.00	14.40	17.00	15.00	15P	14.00	15.40	18.00	16.00	16P	15.00	16.40	19.00	17.00	17P	16.00	17.40	20.00	18.00	18P	17.00	18.40	21.00	19.00	19P	18.00	19.40	22.00	20.00	20P	19.00	20.40	23.00	21.00	21P	20.00	21.40	24.00	22.00	24P	23.00	24.40	27.00	25.00	30P	29.00	30.40	33.00	31.00
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F	11002H00-NPX-HF-NK ① ② ③④ ⑤ ⑥ ① Series No. ② H90 : Side Contact H00 : Up Contact ③ No. of Circuits ④ A: Product color (A--Y) Blank : Natural type ⑤ HF : Halogen Free ⑥ Blank: Mark NK: No Mark Suitable for JCTC 11002 series terminal <table><tr><td>Part No.</td><td>Material</td><td>Color</td></tr><tr><td>11002H00-NP</td><td>PBT,UL94V-0</td><td>Natural(White)</td></tr><tr><td>11002H00-NPA</td><td>PBT,UL94V-0</td><td>Black</td></tr><tr><td>11002H00-NPE</td><td>Nylon 66,UL94V-0</td><td>Yellow</td></tr><tr><td>11002H00-NP-HF</td><td>Nylon 66,UL94V-0</td><td>Natural(White)</td></tr><tr><td>11002H00-NPA-HF</td><td>Nylon 66,UL94V-0</td><td>Black</td></tr><tr><td>11002H00-NPC-HF</td><td>Nylon 66,UL94V-0</td><td>Red</td></tr></table> <table><tr><td>Part No.</td><td>Material</td><td>Color</td></tr><tr><td>11002H00-NP-NK</td><td>PBT,UL94V-0</td><td>Natural(White)</td></tr><tr><td>11002H00-NPA-NK</td><td>PBT,UL94V-0</td><td>Black</td></tr><tr><td>11002H00-NPC-NK</td><td>Nylon 66,UL94V-0</td><td>Red</td></tr><tr><td>11002H00-NPE-NK</td><td>Nylon 66,UL94V-0</td><td>Yellow</td></tr><tr><td>11002H00-NP-HF-NK</td><td>Nylon 66,UL94V-0</td><td>Natural(White)</td></tr><tr><td>11002H00-NPA-HF-NK</td><td>Nylon 66,UL94V-0</td><td>Black</td></tr></table>								Part No.	Material	Color	11002H00-NP	PBT,UL94V-0	Natural(White)	11002H00-NPA	PBT,UL94V-0	Black	11002H00-NPE	Nylon 66,UL94V-0	Yellow	11002H00-NP-HF	Nylon 66,UL94V-0	Natural(White)	11002H00-NPA-HF	Nylon 66,UL94V-0	Black	11002H00-NPC-HF	Nylon 66,UL94V-0	Red	Part No.	Material	Color	11002H00-NP-NK	PBT,UL94V-0	Natural(White)	11002H00-NPA-NK	PBT,UL94V-0	Black	11002H00-NPC-NK	Nylon 66,UL94V-0	Red	11002H00-NPE-NK	Nylon 66,UL94V-0	Yellow	11002H00-NP-HF-NK	Nylon 66,UL94V-0	Natural(White)	11002H00-NPA-HF-NK	Nylon 66,UL94V-0	Black																																																																																		
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H	<table><tr><td>REV.</td><td>REVISION RECORD</td><td>DATE</td><td rowspan="5"></td><td colspan="2">GENERAL TOLERANCES</td><td>SCALE: 1:1</td><td>NAME</td><td>DATE</td><td rowspan="5">PART. NO: 11002H00-NPX-XX-XX</td><td rowspan="5">DWG. NO: ENDE05</td><td rowspan="5"> JCTC® TERMINAL&CONNECTORS </td></tr><tr><td>C3</td><td>主体增加“HF”</td><td>11.07.19</td><td>LINEAR</td><td>ANGLES</td><td>APPROVED</td><td>20.03.17</td><td></td></tr><tr><td>C4</td><td>HN1307260122</td><td>13.08.06</td><td>0.0±0.25</td><td>X° REF±6°</td><td>DESIGNER</td><td>20.03.17</td><td></td></tr><tr><td>C5</td><td>更新公司公称</td><td>16.12.27</td><td>UNIT: MM</td><td>0.00±0.15</td><td>X° ±3°</td><td>DRAWN</td><td>伍文聪</td><td>20.03.17</td><td>TITLE: 1.00mm PITCH HOUSING</td></tr><tr><td>C6</td><td>HR2003170045</td><td>20.03.17</td><td>SIZE: A4</td><td>0.000±0.08</td><td>X° X'±2°</td><td></td><td></td><td></td><td>REV: C6</td><td>SHEET: 1/1</td></tr></table>								REV.	REVISION RECORD	DATE		GENERAL TOLERANCES		SCALE: 1:1	NAME	DATE	PART. NO: 11002H00-NPX-XX-XX	DWG. NO: ENDE05	JCTC® TERMINAL&CONNECTORS	C3	主体增加“HF”	11.07.19	LINEAR	ANGLES	APPROVED	20.03.17		C4	HN1307260122	13.08.06	0.0±0.25	X° REF±6°	DESIGNER	20.03.17		C5	更新公司公称	16.12.27	UNIT: MM	0.00±0.15	X° ±3°	DRAWN	伍文聪	20.03.17	TITLE: 1.00mm PITCH HOUSING	C6	HR2003170045	20.03.17	SIZE: A4	0.000±0.08	X° X'±2°				REV: C6	SHEET: 1/1																																																																											
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SPECIFICATIONS

Voltage Rating: 50V AC,DC

Current Rating: 1A AC,DC

Withstanding Voltage: 500V AC/minute

Contact Resistance: 20mΩ Max.

Insulation Resistance: 100MΩ Min.

Temperature Range: -25°C ~ +85°C

Pin Material: Phosphor Bronze/Tin-plated or Gold flash

Solder Tabs: Phosphor Bronze/Tin-plated

Cap: High temperature plastic,UL94V-0,Natural(Beige)

The product using material and processing

must conform to the "WI-PZ-142"HSF

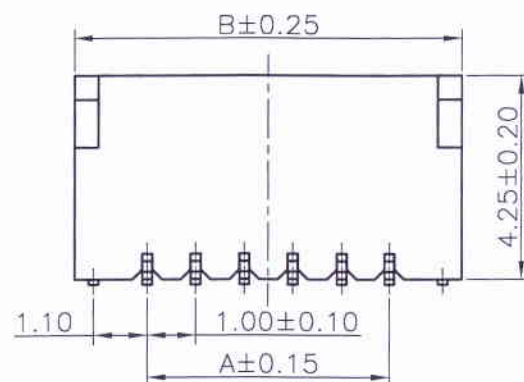
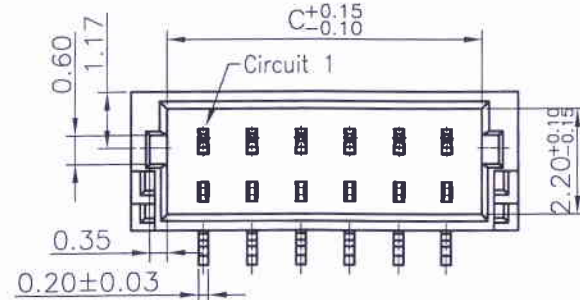
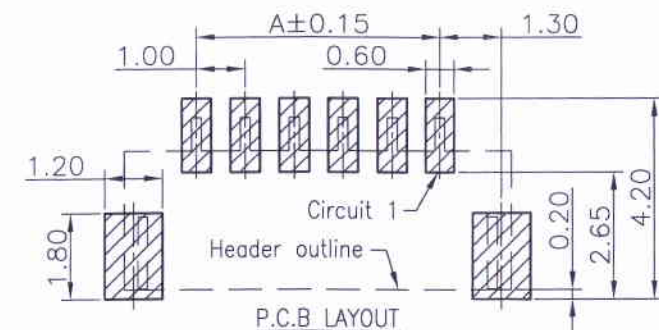
technical standard control requirements

Part No	Dimensions		
	A	B	C
2P	--	4.00	2.50
3P	2.00	5.00	3.50
4P	3.00	6.00	4.50
5P	4.00	7.00	5.50
6P	5.00	8.00	6.50
7P	6.00	9.00	7.50
8P	7.00	10.00	8.50
9P	8.00	11.00	9.50
10P	9.00	12.00	10.50
11P	10.00	13.00	11.50
12P	11.00	14.00	12.50
13P	12.00	15.00	13.50
14P	13.00	16.00	14.50
15P	14.00	17.00	15.50
16P	15.00	18.00	16.50
17P	16.00	19.00	17.50
18P	17.00	20.00	18.50
19P	18.00	21.00	19.50
20P	19.00	22.00	20.50
21P	20.00	23.00	21.50

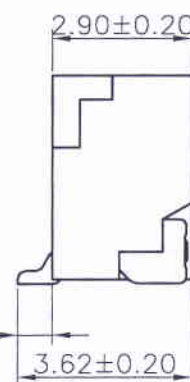
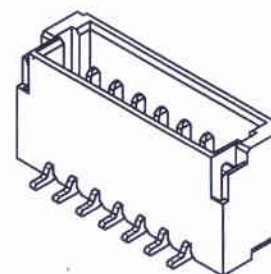
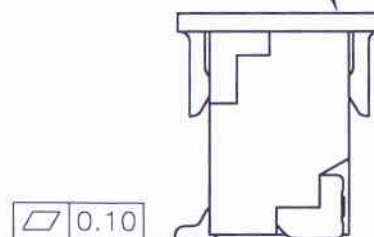
11002W00-NP-S-XX-R
① ② ③ ④ ⑤ ⑥

- ① Series No.
- ② W90 : Side Contact
W00 : Up Contact
- ③ No. of Circuits
- ④ S : SMT type
- ⑤ HF : Halogen Free
5AE : Pin Gold flash
- ⑥ R : Reel pack

Part No.	Material	Color
11002W00-NP-S-R	High temperature plastic,UL94V-0	Natural(Beige)
11002W00-NP-S-HF-R	High temperature plastic,UL94V-0	Natural(Beige)
11002W00-NP-S-5AE-R	High temperature plastic,UL94V-0	Natural(Beige)
11002W00-NP-S-5A-R	High temperature plastic,UL94V-0	Natural(Beige)



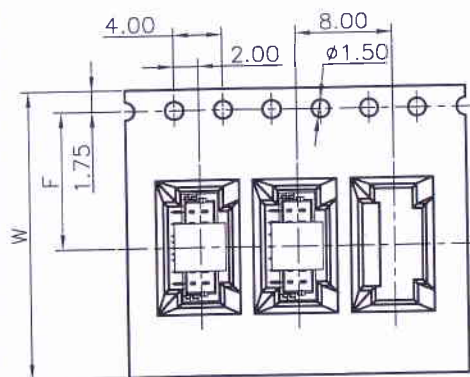
CAP
(FOR PICK AND
PLACE SYSTEMS)



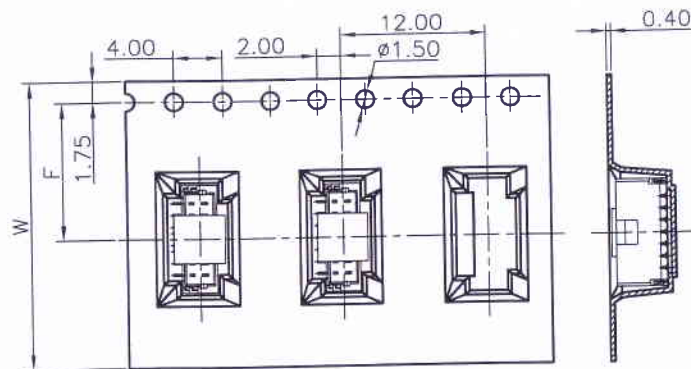
0.72±0.20

REV.	REVISION RECORD	DATE	GENERAL TOLERANCES	SCALE:	NAME	DATE	PART. NO:	DWG. NO:	JCTC® TERMINAL&CONNECTORS
C4	WN1309250159	13. 09. 25	LINEAR	1:1			11002W00-NP-S-XX	ENDE05	
C5	WN1801100010	18. 01. 10	0.0±0.25	APPROVED	伍文聪	20.04.21			
C6	WN1809100177	18. 09. 10	X° REF±6°	DESIGNER	伍文聪	20.04.21			
D0	更新图框	20. 04. 21	0.00±0.15	DRAWN	伍文聪	20. 04. 21	TITLE: JST 1.00mm PITCH CONN		
			0.00±0.08						REV: D0 SHEET: 1/2

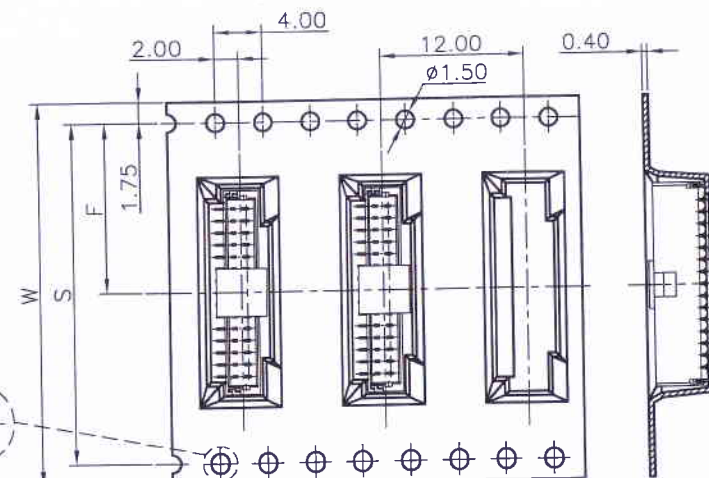
2P Contacts



3~13P Contacts

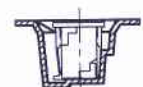


14~21P Contacts

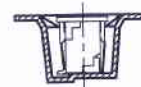


Unreeling direction →

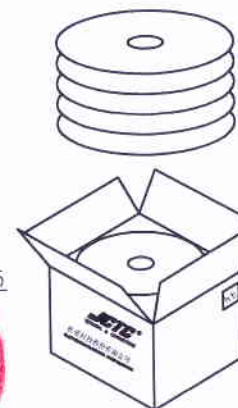
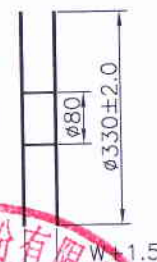
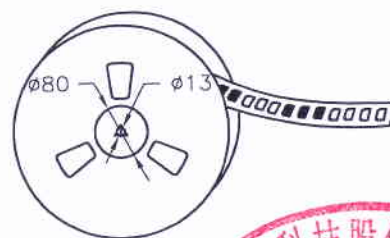
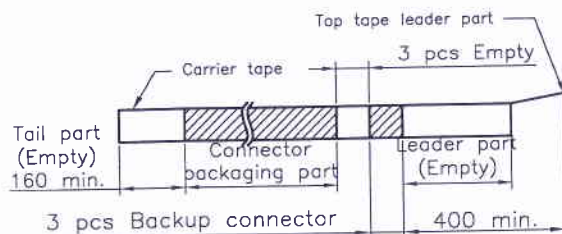
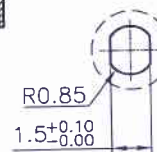
Unreeling direction →



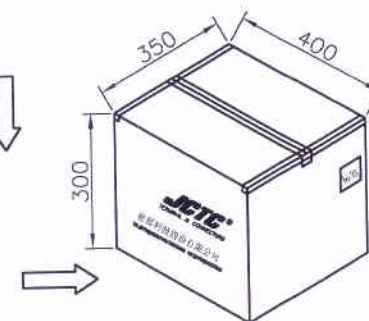
2~5P Contacts



6~21P Contacts



Load carton

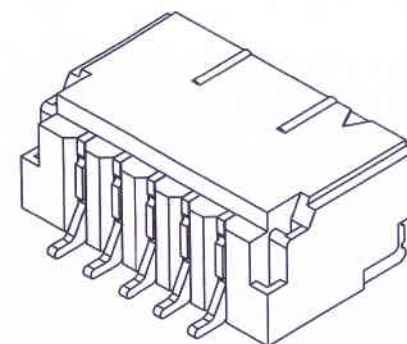
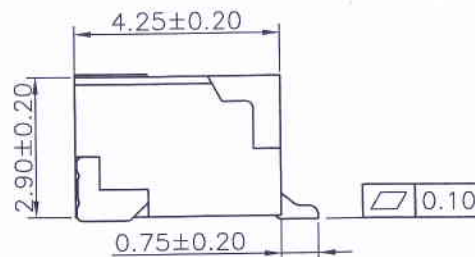
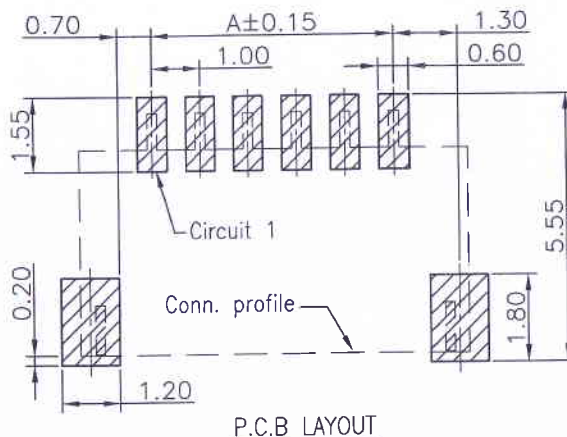
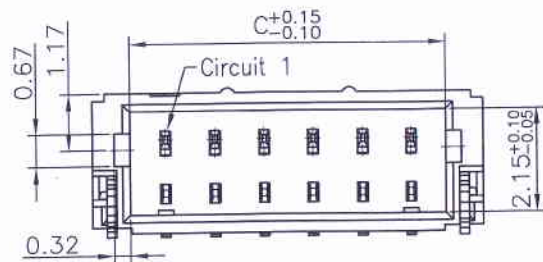
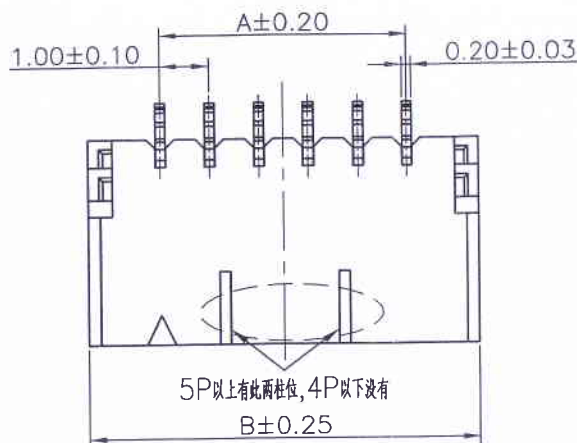


Sealed carton

Number of Contacts	W±0.3	F±0.1	S±0.1	Pcs/Reel	Pcs/Box
2P	16	7.50		1,500	22,500
3~5P	16	7.50		1,000	15,000
6~13P	24	11.50		1,000	10,000
14~18P	32	14.20	28.40	1,000	8,000
19~21P	44	20.20	40.40	1,000	6,000



REV.	REVISION RECORD	DATE	GENERAL TOLERANCES	SCALE:	NAME	DATE	PART NO:	DWG. NO:	JCTC® TERMINAL&CONNECTORS
C1	新增无卤规格	11.06.13	LINEAR	1:1	APPROVED	20.04.21	11002W00-NP-S-XX	ENDE05	
C2	WN1302180020	13.02.18	0.0±0.25		DESIGNER	20.04.21	TITLE: JST 1.00mm PITCH CONN		REV: C4
C3	WN1801100010	18.01.10	0.00±0.15		DRAWN	20.04.21			SHEET: 2/2
C4	WR2004210068	20.04.21	0.000±0.08						



Dimensional Ordering Information:			
Part No	Dimensions		
	A	B	C
2P	---	4.00	2.45
3P	2.00	5.00	3.45
4P	3.00	6.00	4.45
5P	4.00	7.00	5.45
6P	5.00	8.00	6.45
7P	6.00	9.00	7.45
8P	7.00	10.00	8.45
9P	8.00	11.00	9.45
10P	9.00	12.00	10.45
11P	10.00	13.00	11.45
12P	11.00	14.00	12.45
13P	12.00	15.00	13.45

SPECIFICATIONS

Voltage Rating: 50V AC,DC

Current Rating: 1A AC,DC

Withstanding Voltage: 500V AC/minute

Contact Resistance: 20mΩ Max.

Insulation Resistance: 100MΩ 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

11002W90-NP-SA-XX-HF-R

① ② ③ ④ ⑤ ⑥ ⑦ ⑧

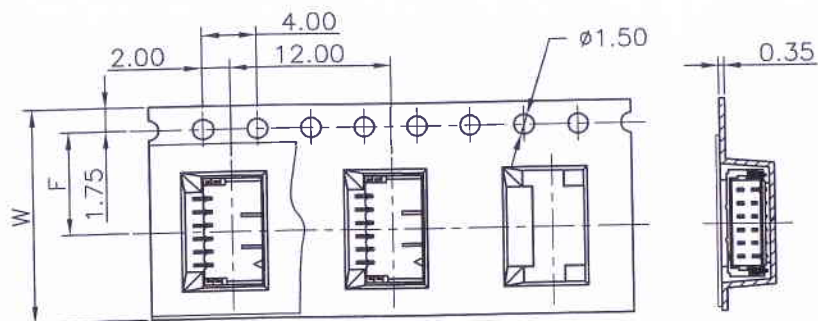
- ① Series No.
- ② W90 : Side Contact
W00 : Up Contact
- ③ No. of Circuits
- ④ S : SMT type
- ⑤ A : Mount type
- ⑥ XX : Plated
- ⑦ HF : Halogen Free
- ⑧ R : Reel pack

工程部部长
技术文件发行章

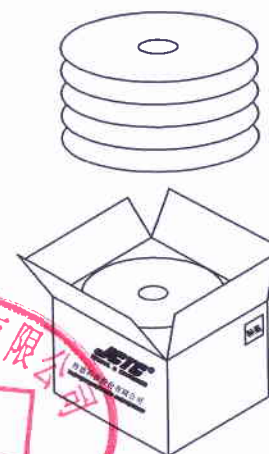
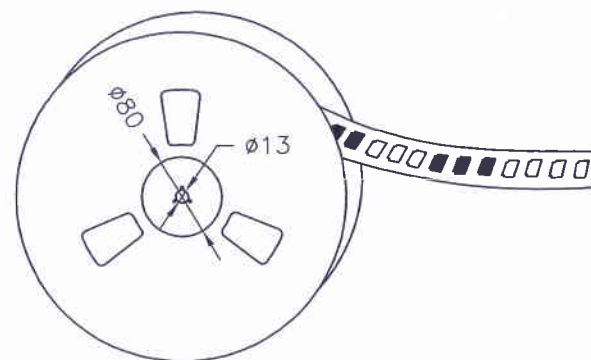
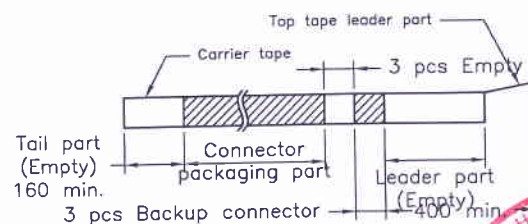
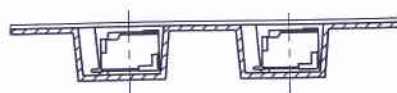
Part No.	Material	Color	Pin Material	Solder Tabs
11002W90-NP-SA-R	High temperature plastic,UL94V-0	Beige	Phosphor Bronze/Tin-plated	Brass/Tin-plated
11002W90-NP-SA-HF-R	High temperature plastic,UL94V-0	Beige	Phosphor Bronze/Tin-plated	Brass/Tin-plated
11002W90-NP-SA-5A-HF-R	High temperature plastic,UL94V-0	Beige	Phosphor Bronze/Gold-flash	Brass / Gold-flash
11002W90-NP-SA-3E-HF-R	High temperature plastic,UL94V-0	Beige	Phosphor Bronze/Matte Tin Plated	Brass / Matte Tin Plated

REV.	REVISION RECORD	DATE		GENERAL TOLERANCES		SCALE: 1:1	NAME	DATE	PART. NO:	DWG. NO:	 TERMINAL&CONNECTORS	
A0	新图面发行	16. 05. 18		LINEAR	ANGLES	APPROVED		11/1/20	11002W90-NP-SA-XX-HF-R	ENDE05		
A1	WN2003110033	20. 03. 10		0. 0±0. 25	X° REF±6°	DESIGNER		20.03.10	TITLE: JST 1.00mm PITCH CONN			
				UNIT: MM	0. 00±0. 15	X° ±3°	DRAWN	张振坤				20. 03. 10
				SIZE: A4	0. 000±0. 08	X° X°±2°						

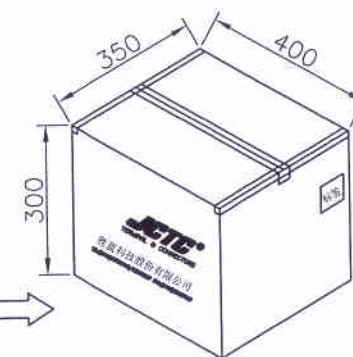
02~13 Contacts



Unreeling direction →



Load carton



Sealed carton

Number of Contacts	W±0.3	F±0.1	Q'ty/Reel	Q'ty/Box
02P-06P	16	7.50	1,500	21,000
07P-13P	24	11.50	1,500	15,000

REV.	REVISION RECORD	DATE		GENERAL TOLERANCES		SCALE: 1:1	NAME	DATE	PART. NO: 11002W90-NP-SA-XX-HF-R	DWG. NO: ENDE05	JCTC® TERMINAL&CONNECTORS	
A0	新图面发行	16.05.18		LINEAR	ANGLES	APPROVED						
A1	WN2003110033	20.03.10		0.0±0.25	X° REF±6°	DESIGNER		20.03.10				
				UNIT: MM	0.00±0.15	X° ±3°	DRAWN	张振坤	20.03.10	TITLE: JST 1.00mm PITCH CONN		
				SIZE: A4	0.000±0.08	X° X' ±2°						
											REV: A1	SHEET: 2/2

