APPROVAL SHEET

CUSTOMER WINSTAR

PART NO.

DES. 20P-20P/L150

DATE 2014-08-15

CONDITION	OK	NG
MAKE		
CHECK		
APPROVE		

Approved By：Jean 14-08-15 Prepared By：Vivian 14-08-15

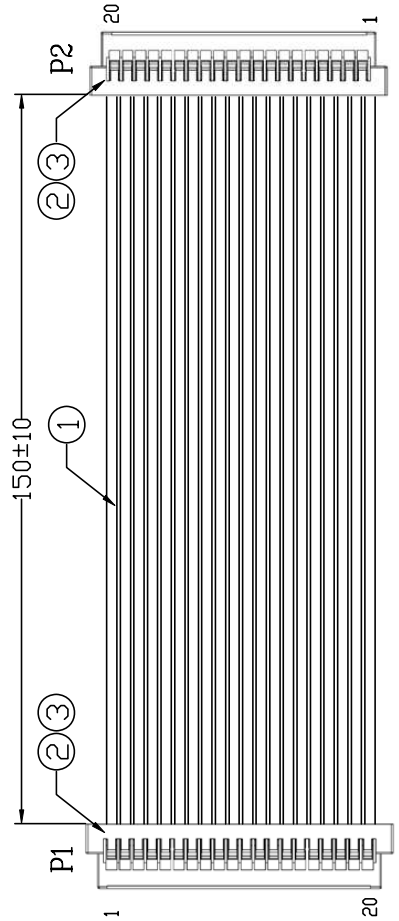
Wujiang Huaming Electronic Co.,LTD
吳江華明電子有限公司

TEL：0512-63326008 FAX：0512-63326998
E-mail：jeanyao_wj@vip.163.com
Address：Longqiao Road,Wujiang Economic Development,Jiangsu

REV	DESCRIPTION	DATE

PIN LIST:

P1	COLOR	P2
1	Red	20
2	White	19
3	White	18
4	White	17
5	White	16
6	White	15
7	White	14
8	White	13
9	White	12
10	White	11
11	White	10
12	White	9
13	White	8
14	White	7
15	White	6
16	White	5
17	White	4
18	White	3
19	White	2
20	White	1



WUJIANG HUAMING ELECTRONIC CO.,LTD

Customer P/N

DES.: 20P-20P/L150

DRWN: Lucy DATE: 2014/07/25

CHKD: David DATE: 2014/07/25

APPD: Jean DATE: 2014/07/25

HM NO.: HM-HL-0514

SCALE None

UNIT mm SHEET 1/1 REV. A

NO.	NAME	MATERIAL	QTY	Length	REMARK
3	TERMINAL	A1255-TPE	20		HR
2	HOUSING	A1255H-20P	2		HR
1	WIRE	UL1571 28AWG OD:0.9 Red White	20	310(L2.0,R2.0)	ZHICHENG

GP

WU JIANG ZHI CHENG ELECTRIC FACTORY

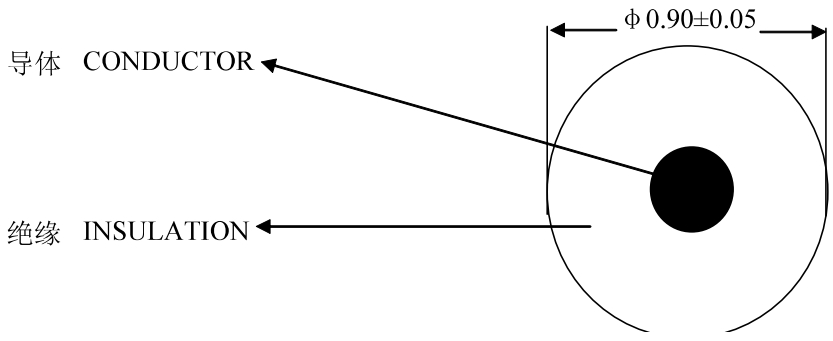
SPECIFICATION（规格书）			
SYTLE（型号）	UL 1571 电子线	DATE（日期）	2005.4.26
SIZE（规格）	28AWG	EDITION（版次）	第一版
一.STANDARD（标准）	UL 758 标准		
二.APPLICATION（应用范围）：USE FOR INTERNAL WIRING OF CLASS 2 CIRCUITS IN ELECTRONIC EQUIPMENT.			
三. CONSTRUCTION(构成):			
A. CONDUCTION(导体):			
SIZE（规格）	28AWG (镀锡丝)		
CONSTRUCTION N/mm (构成)	7/0.127mm ± 0.005		
COND. DIAM mm(绞合直径)	0.39 ± 0.01		
B. INSULATION(绝缘):			
MATERIAL(材质)	80℃ 半硬质PVC胶料(SR-PVC料)		
AVG.THICK mm (平均厚度)	0.19		
MIN.THICK mm (最小厚度)	0.15		
DIAMETER mm (直径)	0.90± 0.05mm		
COLOR (颜色)	黑、棕、红、橙、黄、绿、蓝、紫、灰、白色		
C.SHIELDING (屏蔽):	/		
D.JACKET (外被):			
MATERIAL(材质)	/		
AVG.THICK mm (平均厚度)	/		
MIN.THICK mm (最小厚度)	/		
DIAMETER mm (直径)	/		
COLOR (颜色)	/		
印字	E237831 AWM 1571 28AWG 80℃ 30V VW-1 C AWM I A 80℃ 30V FT1 ZHICHENG LM		

四.ELECTRICAL AND PHYSICAL PROPERTIES(电气性能和物理性能):			
ITEM（项目） 标准值			28AWG
CONDUCTOR RESISTANCE （20℃ 导体电阻）			237.25 Ω/KM ↓
INAL.RESISTANCE (绝缘电阻)			10 MΩ/KM ↑
SPARK TEST (火花测试)			1.5KV/0.15S NO BREAKING
INSULATION (绝缘)	UNAGED (老化前)	TENSILE STRENGTH (抗张强度)	Min 1500PSI ↑
		ELONGATION (伸长率)	Min 100% ↑
	AGED (老化后)	TENSILE STRENGTH (抗张强度)	Min 70% ↑
		ELONGATION (伸长率)	Min 65% ↑
JACKET (外被)	UNAGED (老化前)	TENSILE STRENGTH (抗张强度)	/
		ELONGATION (伸长率)	/
	AGED (老化后)	TENSILE STRENGTH (抗张强度)	/
		ELONGATION (伸长率)	/
DEFORMATION TEST (加热变形)		INSULATION	50% ↓
		JACKET	50% ↓
COLD BEND TEST (冷挠测试)			—10±1℃/1HR NO CRACKING
HEAT SHOOK TEST (热挠测试)			121±1℃/2HR NO CRACKING
FLAME TEST (耐燃测试)			PASS VW-1

五.CABLE IDENTIFICATION（线材鉴定）：

E237831 AWM 1571 28AWG 80℃ 30V VW-1
C AWM I A 80℃ 30V FT1 ZHICHENG LM

六.CABLE CONSTRUCTION DRAWING（线材结构草图）：

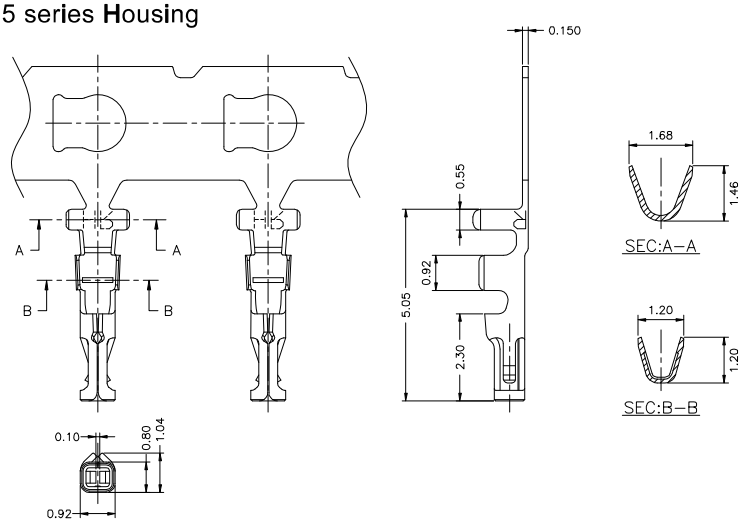


A1255 SERIES

1.25mm pitch Crimp Terminal

Reference Informations:

*Used in H.R A1255 series Housing

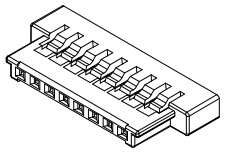


Ordering Information & Specifications: Unit:mm

A1255-GP**E**	AWG**#**28-**#**32	0.90mm(max)	Phosphor Bronze	Gold-plated	15,000pcs

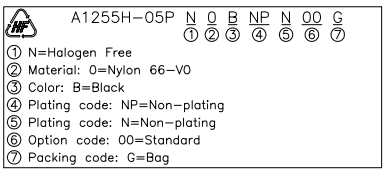
Note:E-Stamping before Tin-plated or Gold-plated

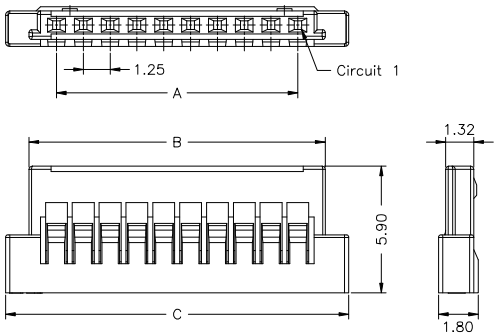
1.25mm pitch Housing



Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R A1255 series Terminal
*Mates with H.R A1255 series Wafer





Ordering Information & Dimensions:

A1255**H**-02P	1.25	3.80	6.00
A1255**H**-0**4**P	3.75	6.30	8.50
A1255**H**-06P	6.25	8.80	11.00
A1255**H**-08P	8.75	11.30	13.50
A1255**H**-10P	11.25	13.80	16.00
A1255**H**-12P	13.75	16.30	18.50
A1255**H**-**1**4P	16.25	18.80	21.00
A1255**H**-20P	23.75	26.30	28.50
A1255**H**-30P	36.25	38.80	**4**1.00

Unit:mm

CTI 华测检测 CENTRE TESTING INTERNATIONAL

Test Report

Report No.: RHS02F005187 Page 1 of 2

Customer :KAMTAI ELECTRONICS MATERIAL (SU ZHOU) CO., LTD.

Address :NO.4 HONG ROAD, WU JIANG ECONOMIC DEVELOPMENT ZONE, JIANG SU PROVINCE, P.R.C

The following sample information were submitted and identified by client as:

Sample's Name :PVC GRAIN

Sample Received Date :Oct. 11, 2013

Testing Period :Oct. 11, 2013 to Oct. 16, 2013

Test Requested :As specified by client, to analyse the submitted sample.

Test Apparatus **:PY-GC-MS, SEM-EDS**

Test standard **:Refer to GB/T 9722-2006, GB/T 17359-2012**

Test Result(s) **:Please refer to the following page(s)**

To be continued

Tested by Xiao Reviewed by Joan. Yang

Approved by Colin Jiang Date Oct. 16, 2013

Colin Jiang
Technical Manager

NO. 1453792093

CTI 华测检测 CENTRE TESTING INTERNATIONAL

Test Report

Test Result(s):

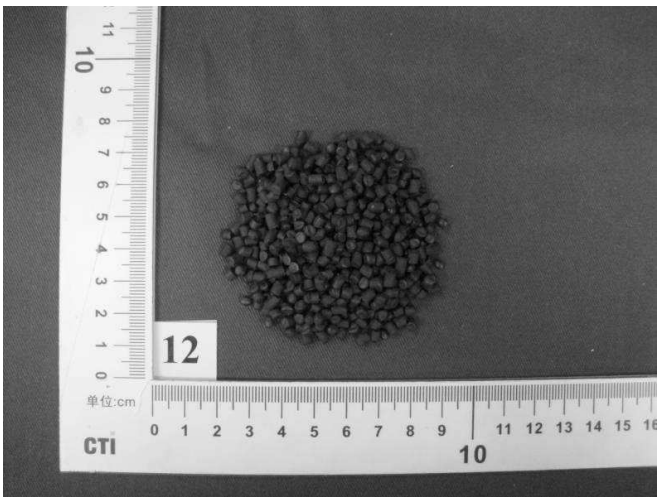
Tested part description: Black plastic

Component (s)	Content (mg/kg)
Red phosphorus	N.D.

Remark: mg/kg=ppm

N.D.=<1000mg/kg

Sample Photo(s)



*** End of Report ***

The test report is effective only with both signature and specialized stamp. The results shown in this report refer only to the sample(s) tested. Without written approval of CTI, this report can't be reproduced except in full.

CTI 华测检测 CENTRE TESTING INTERNATIONAL

Test Report

Report No. RHS05F015801001 Page 1 of 6

Applicant KAMTAI ELECTRONICS MATERIAL(SU ZHOU)CO.,LTD
Address HUA HONG ROAD ,WU JIANG ECONOMIC DEVELOPMENT ZONE,JIANG SU PROVINCE,P.R.C

The following sample(s) and sample information was/were submitted and identified by/on the behalf of the client

Sample Name	PVC WHITE GRAIN
Sample Received Date	Sep. 26, 2013
Testing Period	Sep. 26, 2013 to Sep. 29, 2013

Test Requested As specified by client, to test Hexabromocyclododecane (HBCDD), Lead(Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium (Cr(VI)), Polybrominated Biphenyls (PBBs), Polybrominated Diphenyl Ethers (PBDEs), Phthalates in the submitted sample(s).

Test Method Please refer to the following page(s).

Test Result(s) Please refer to the following page(s).

Tested by Chen Lijuan Reviewed by Zhong Yijun

Approved by Su Hongwei Date Sep. 29, 2013

Su Hongwei
Senior Laboratory Manager

No. 1102100381

Centre Testing International Corporation Shanghai Branch No.1996,New Jinqiao Road, Pudong District,Shanghai,China

CTI 华测检测 CENTRE TESTING INTERNATIONAL

Test Report

Report No. RHS05F015801001

Test Method

Test Item(s)	Test Method	Measured Equipment(s)
Lead(Pb)	IEC 62321:2008 Ed.1 Sec.8	ICP-OES
Cadmium(Cd)	IEC 62321:2008 Ed.1 Sec.8	ICP-OES
Mercury(Hg)	IEC 62321:2008 Ed.1 Sec.7	ICP-OES
Hexavalent Chromium (Cr(VI))	IEC 62321:2008 Ed.1 Annex C	UV-Vis
Polybrominated Biphenyls (PBBs)	IEC 62321:2008 Ed.1 Annex A	GC-MS
Polybrominated Diphenyl Ethers (PBDEs)	IEC 62321:2008 Ed.1 Annex A	GC-MS
Hexabromocyclododecane (HBCDD)	Refer to US EPA 3550C:2007	GC-MS
Phthalates	Refer to EN 14372:2004(E)	GC-MS

Test Result(s)

Tested Item(s)	**Result**	**MDL**
Lead(Pb)	N.D.	2 mg/kg
Cadmium (Cd)	N.D.	2 mg/kg
Mercury(Hg)	N.D.	2 mg/kg
Hexavalent Chromium (Cr(VI))	N.D.	2 mg/kg

Tested Item(s)	**Result**	**MDL**
Polybrominated Biphenyls (PBBs)		
Monobromobiphenyl	N.D.	5 mg/kg
Dibromobiphenyl	N.D.	5 mg/kg
Tribromobiphenyl	N.D.	5 mg/kg
Tetrabromobiphenyl	N.D.	5 mg/kg
Pentabromobiphenyl	N.D.	5 mg/kg
Hexabromobiphenyl	N.D.	5 mg/kg
Heptabromobiphenyl	N.D.	5 mg/kg
Octabromobiphenyl	N.D.	5 mg/kg
Nonabromobiphenyl	N.D.	5 mg/kg
Decabromobiphenyl	N.D.	5 mg/kg

CTI 华测检测 CENTRE TESTING INTERNATIONAL

Test Report

Report No. RHS05F015801001

Tested Item(s)	Result	MDL
Polybrominated Diphenyl Ethers (PBDEs)		
Monobromodiphenyl ether	N.D.	5 mg/kg
Dibromodiphenyl ether	N.D.	5 mg/kg
Tribromodiphenyl ether	N.D.	5 mg/kg
Tetrabromodiphenyl ether	N.D.	5 mg/kg
Pentabromodiphenyl ether	N.D.	5 mg/kg
Hexabromodiphenyl ether	N.D.	5 mg/kg
Heptabromodiphenyl ether	N.D.	5 mg/kg
Octabromodiphenyl ether	N.D.	5 mg/kg
Nonabromodiphenyl ether	N.D.	5 mg/kg
Decabromodiphenyl ether	N.D.	5 mg/kg

Tested Item(s)	Result	MDL
Hexabromocyclododecane (HBCDD)	N.D.	5 mg/kg

Tested Item(s)	Result	MDL
Phthalates		
Dibutyl phthalate(DBP) CAS#:84-74-2	N.D.	50 mg/kg
Benzylbutyl phthalate(BBP) CAS#:85-68-7	N.D.	50 mg/kg
Bis(2-ethyl(hexyl)) phthalate (DEHP) CAS#:117-81-7	N.D.	50 mg/kg

Tested Sample/Part Description White plastic particle

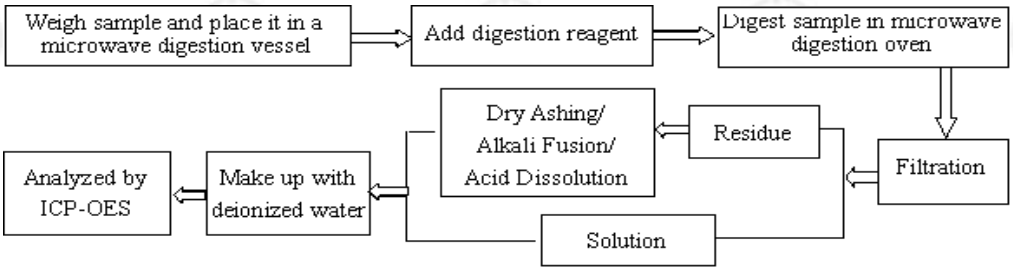
Note: **The sample(s) had been dissolved totally tested for Lead, Cadmium, Mercury.**
-MDL = Method Detection Limit
-N.D. = Not Detected (<MDL)
-mg/kg = ppm = parts per million

Test Report

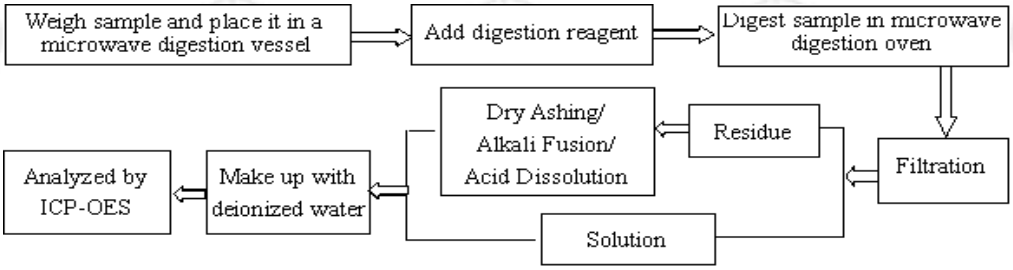
Report No. RHS05F015801001 Page 4 of 6

Test Process

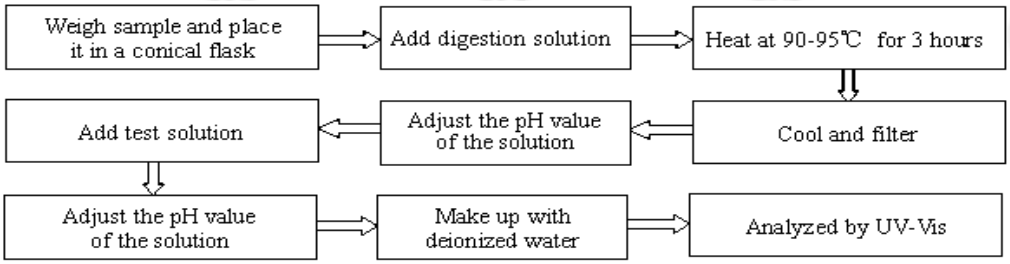
1. Lead(Pb), Cadmium(Cd)



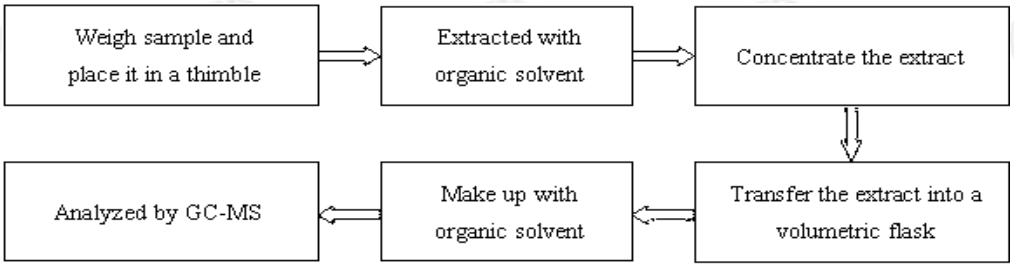
2. Mercury(Hg)



3. Hexavalent Chromium (Cr(VI))



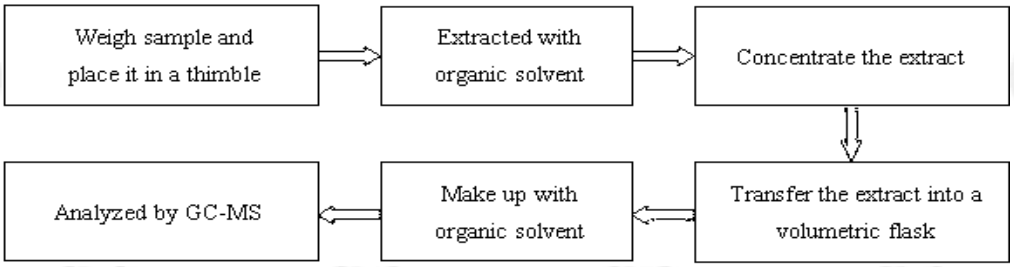
4. Phthalates



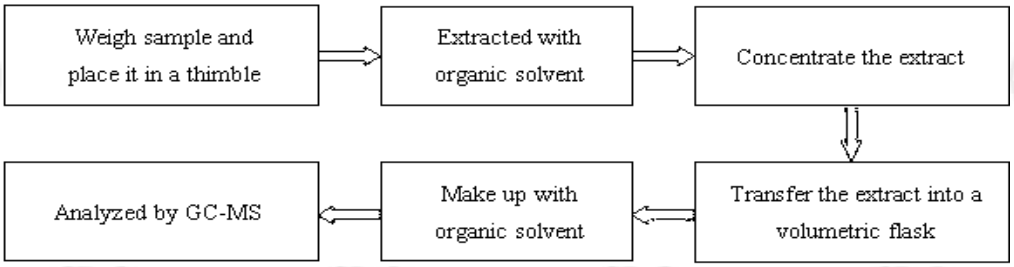
CTI 华测检测 CENTRE TESTING INTERNATIONAL

Test Report

5. Polybrominated Biphenyls (PBBs), Polybrominated Diphenyl Ethers (PBDEs)



6. Hexabromocyclododecane (HBCDD)

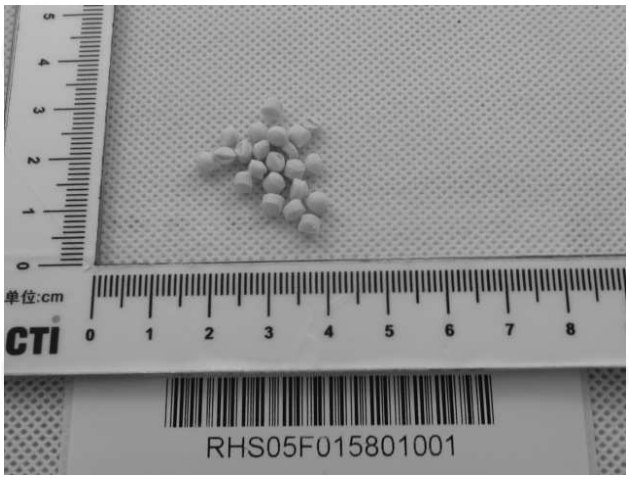


CTI 华测检测 CENTRE TESTING INTERNATIONAL

Test Report

Report No. RHS05F015801001 Page 6 of 6

Photo(s) of the sample(s)



*** End of report ***

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吴江华明电子有限公司

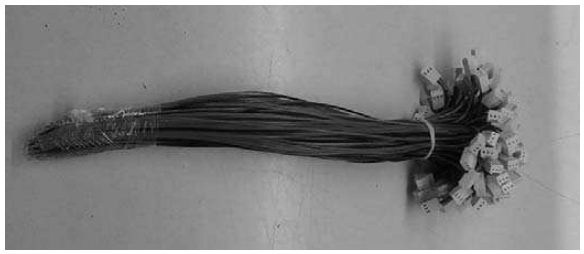
线材包装规格书

1.包装材料规格表

序号	项目	型号	尺寸	数量
1	成品	20P-20P/L150		
2	塑料简装			
3	干燥剂			
4	纸板			
5	PE袋		370mm*500mm*0.07mm	
6	外纸箱		350mm*300mm*240mm	

2.单箱数量规格表

（1）每把数量：10PCS

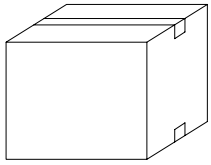


(2)总数量：1000PCS

线材用橡皮筋扎好后装入PE袋



PE袋装好后放入纸箱



备注：按实际数量装箱，外箱贴上成品标签并盖上合格章.
产品保存期： 1 年