APPROVAL SHEET

CUSTOMER WINSTAR

PART NO. CB050029121XXXXXXX00

HM NO. HM-HL-1171

DATE 2025-06-10

CONDITION	OK	NG
MAKE		
CHECK		
APPROVE		

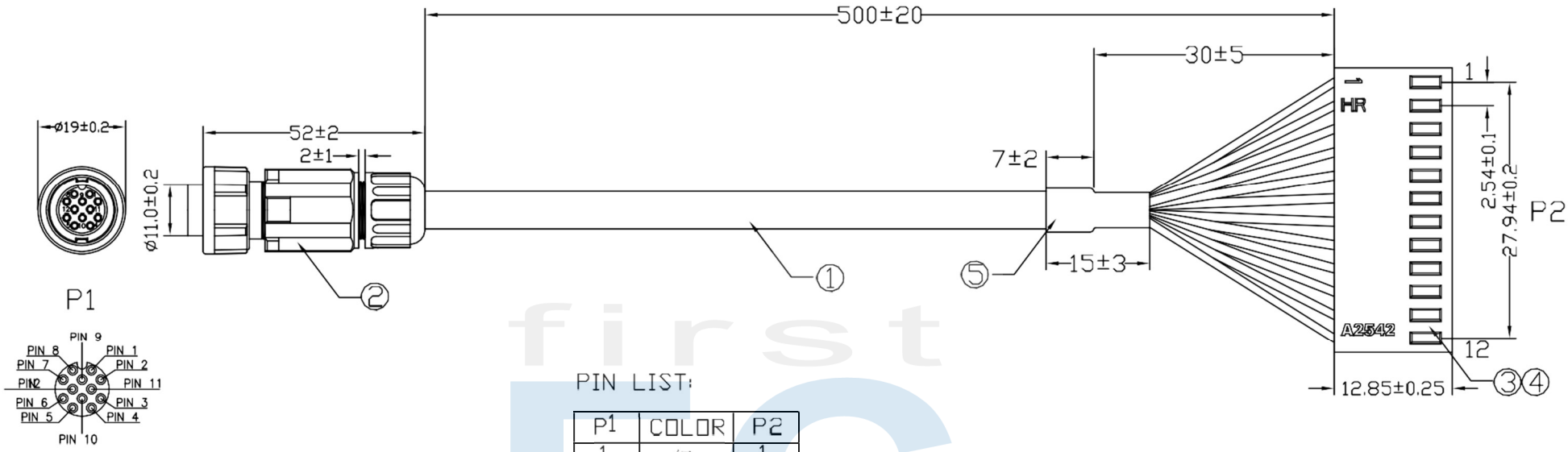
Approved By： Jean 25-06-10 Prepared By： Vivian 25-06-10

Represented by:

first FC components
FIRST Components s.r.l.
www.first-components.com
technical@first-components.com
+39 0332 1888005

REVISIONS		
REV	DESCRIPTION	DATE

GP



PIN LIST:

P1	COLOR	P2
1	红	1
2	黑	2
3	蓝	3
4	棕	4
5	绿	5
6	黄	6
7	黑/白	7
8	红/白	8
9	蓝/白	9
10	棕/白	10
11	绿/白	11
12	黄/白	12

NOTE:
1. 存储温度：常温。
2. 工作温度：-20度至+80度
3. 存储湿度：相对湿度不大于80%

NO.	NAME	MATERIAL	QTY	Length	REMARK
5	TUBE	BLACK HEATSHRINK TUBING OD:7.0	1		WOER
4	HOUSING	A2542H-12P-1	1		HR
3	TERMINAL	A2542-TPE-H	12		HR
2	CONN.	E10 12P FEMALE P/N:E10P-BA1-S12	1		CAZN
1	WIRE	UL2464 24AWG*12C OD:6.5 Black	1		FUQIY

WUJIANG HUAMING ELECTRONIC CO.,LTD

Customer P/N	CB050029121XXXXXXX00		
DES.: M12P-12P/L500		HM NO.: HM-HL-1171	
DRWN: ROSE	DATE: 2025/06/03	SCALE None	
CHKD: David	DATE: 2025/06/03	UNIT: mm	SHEET: 2/6
APPD: Jean	DATE: 2025/06/03	1/1	REV.: A

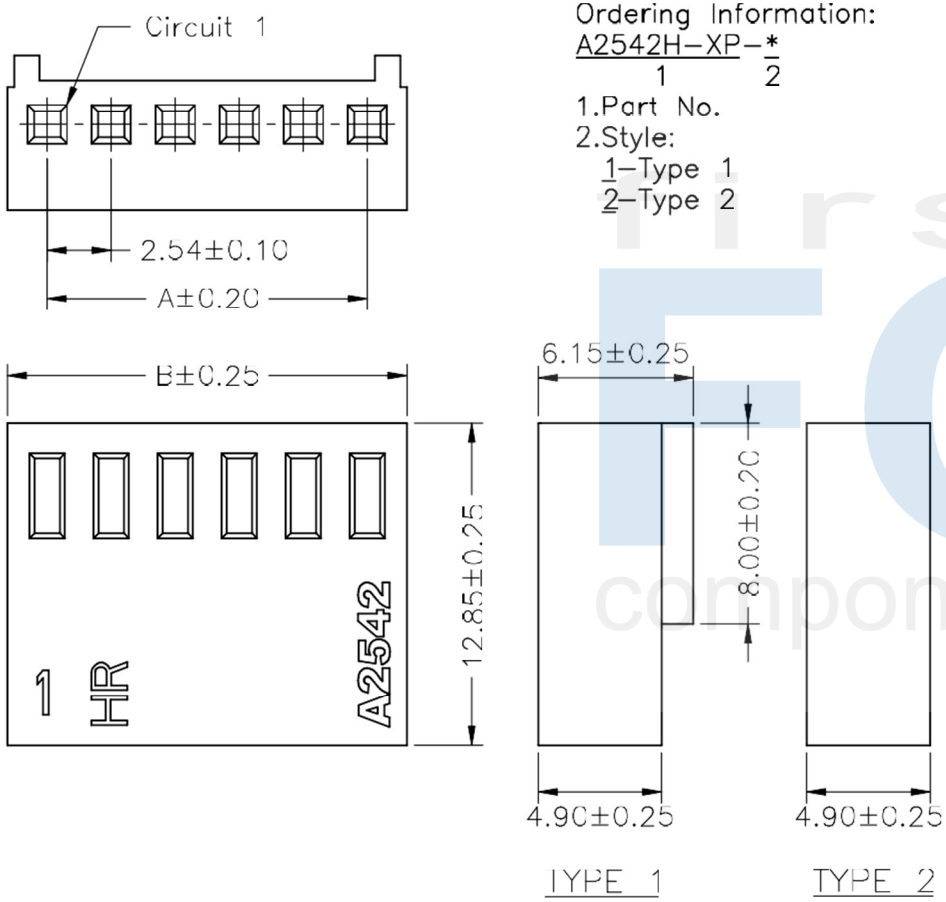
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物质成份表

料号:CB050029121XXXXXXX00

序号	物质成份	物质比例(%)	总重量(KG/PCS)
1	铜	41.5800	0.052000
2	锡	0.6232	
3	PVC粉	30.6500	
4	增塑剂	0.2354	
5	助剂	0.1254	
6	尼龙	24.3850	
7	橡胶	0.2580	
8	锌	0.1654	
9	硅胶	1.3500	
10	金	0.0058	
11	镍	0.2564	
12	其他	0.3654	

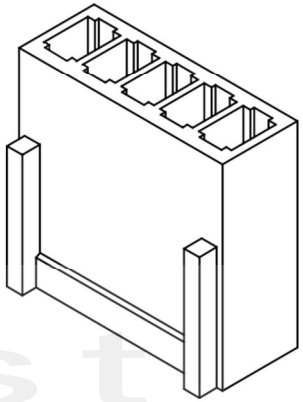
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Ordering Information:

A2542H-XP-*
1 2

1.Part No.
2.Style:
1-Type 1
2-Type 2



SPECIFICATIONS
Current Rating: 4A AC,DC
Voltage Rating: 250V AC,DC
Temperature Range: -25°C ~ +85°C
Contact Resistance: 10mΩ Max
Insulation Resistance: 1000MΩ Min
Withstanding Voltage: 1000V AC/minute
Material: Nylon 66,UL94V-2
Pantone Color: 7506C

Ordering Information & Dimensions

PART NO.	Dimensions	
	A	B
A2542H-02P	2.54	5.68
A2542H-03P	5.08	8.22
A2542H-04P	7.62	10.76
A2542H-05P	10.16	13.30
A2542H-06P	12.70	15.84
A2542H-07P	15.24	18.38
A2542H-08P	17.78	20.92
A2542H-09P	20.32	23.46
A2542H-10P	22.86	26.00
A2542H-11P	25.40	28.54
A2542H-12P	27.94	31.08
A2542H-13P	30.48	33.62
A2542H-14P	33.02	36.16
A2542H-15P	35.56	38.70
A2542H-16P	38.10	41.24
A2542H-17P	40.64	43.78
A2542H-18P	43.18	46.32
A2542H-19P	45.72	48.86
A2542H-20P	48.26	51.40

REV.	DESCRIPTION	DATE
B0	NEW RELEASE	2006.04.12

JOINT TECH ELECTRONIC IND. CO., LTD.
JOY DAY INDUSTRIAL CO., LTD.

UNIT	SCALE	SHEET
mm		1 of 1

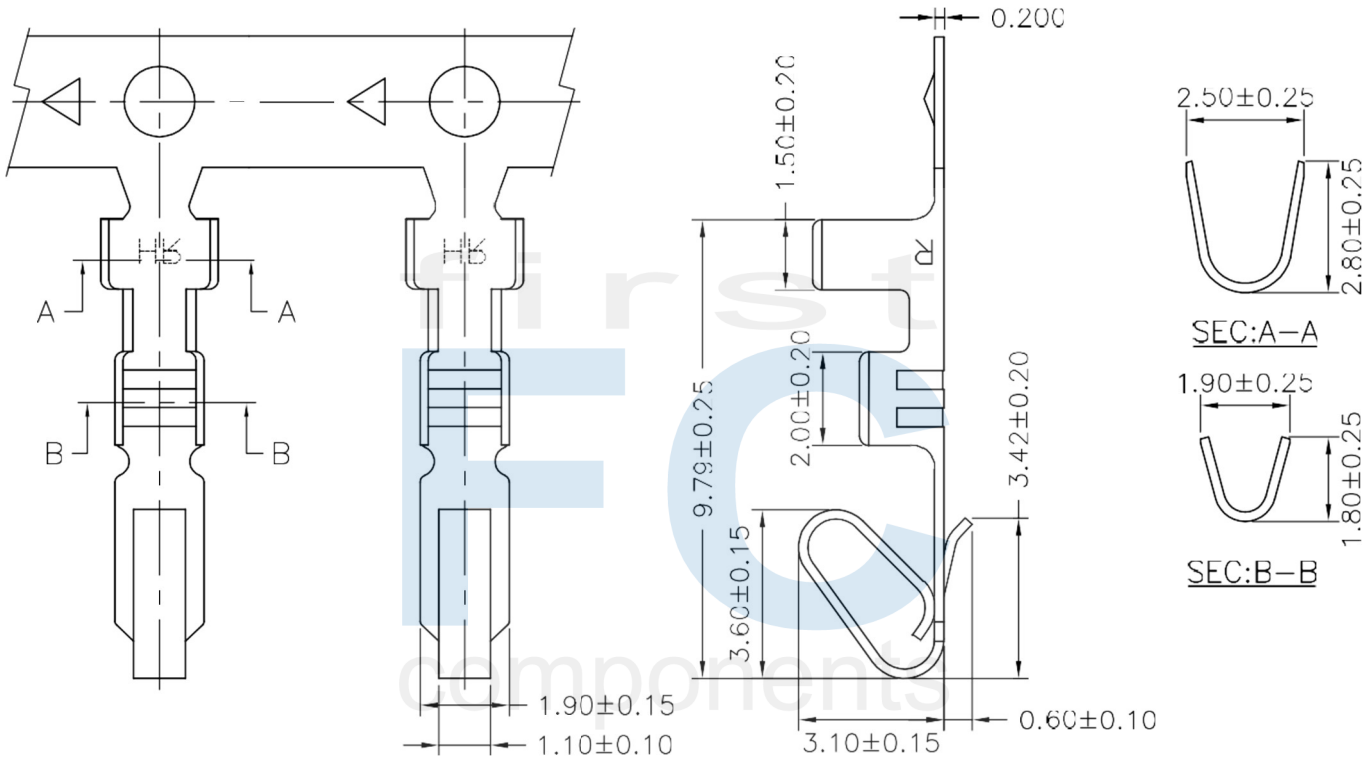
DRAWN BY	APPROVED BY
董正一 2001.02.01	董正一 2001.02.01

GENERAL TOLERANCE
X. X±0.25
X. XX±0.15
X. XXX±0.05
ANGLE±

TITLE:
2.54mm PITCH
HOUSING

DRAW NO.: A2542H-XP-X
REV. B0

first FC components



Ordering Information & Specifications

Part No	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A2542-TPE-H	AWG#20-#28	2.00mm(max)	Phosphor Bronze	Tin-plated	8,000pcs

Note:E-Stamping before Tin-plated

REV.	DESCRIPTION	DATE
A3	REVISE	2007.03.12
A2	REVISE	2006.09.19
A1	REVISE	2006.05.11
A0	NEW RELEASE	2006.03.31

JOINT TECH ELECTRONIC IND. CO., LTD.
JOY DAY INDUSTRIAL CO., LTD.

UNIT	SCALE	SHEET
mm		1 of 1

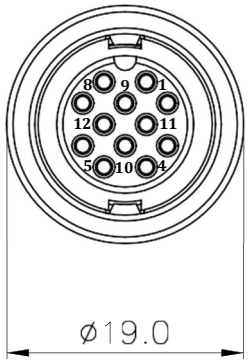
DRAWN BY	APPROVED BY
李勤 2006.03.31	董正一 2006.03.31

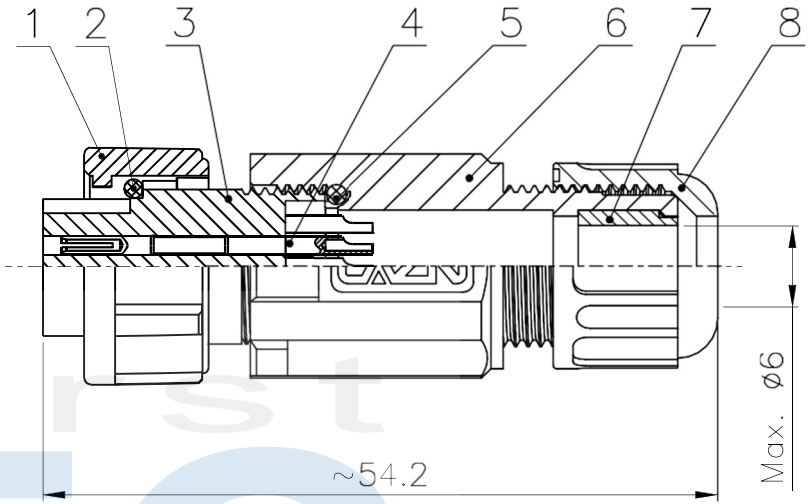
GENERAL TOLERANCE
X.X±0.25
X.XX±0.15
X.XXX±0.05
ANGLE±

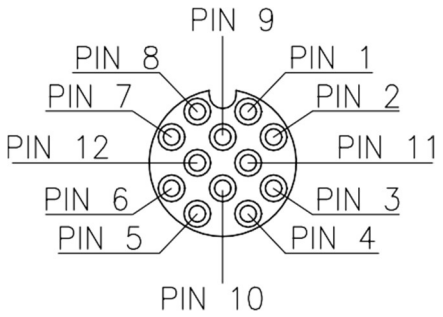
TITLE:
2.54mm PITCH
CRIMP TERMINAL

DRAW NO.: A2542-XX-H
REV. A3

Rev.	Change Description	ECN #	Date







VIEW A

No.	Specification	Material	Treat	Unit	Q'ty
8	E10 紧锁螺帽	尼龙	/	pc	1
7	E10 组装式防水硅胶塞	硅胶	/	pc	1
6	E10 插头主体	尼龙	/	pc	1
5	防水O型圈 Φ13XΦ10X1.5	橡胶	/	pc	1
4	E系列 0.8 焊线式母针长针	黄铜	镀金	pc	12
3	E10 孔型插头外壳 12芯	尼龙	/	pc	1
2	E10 插头胶芯O型防水圈 Φ12×Φ9×1.5	橡胶	/	pc	1
1	E10 卡扣式连接螺帽	尼龙	/	pc	1

技术参数		材料	
连接方式:	卡扣连接	外壳材料:	增强尼龙，黑色
接线方式:	焊线	接触体材料:	黄铜，镀金
污染等级:	3	绝缘体材料:	增强尼龙，黑色
温度范围:	−45°C ~ +105°C	密封材料:	橡胶,红色
防护等级:	IP67		
插拔周期:	≥500		
额定电压:	30V AC/DC		
额定电流:	2A		

所有材料均符合RoHS要求

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CB050029121XXXXXXX00

GENERAL TOLERANCE (UNLESS SPECIFIED) ≤10 ±0.1 <10~≤20 ±0.2 <20~≤50 ±0.5 Angle ±1°	DWN L.L	DATE 2022.8.15	CAZN 正成
	CHK	DATE	
	APVD	DATE	TITLE E10 卡扣式孔型组装式插头 12芯
THIRD ANGLE	UNIT MM	REV A	PART NO E10017−12A000000
	SIZE A4	SHEET 1 OF 1	DRAWING NO 6/6 E10P−BA1−S12