

Technical requirement 技术参数:

1. Electrical Characteristics Test 电气性能检验

- 1.1 Products 100% for electrical test. 成品100%电性测试.
- 1.2 Insulation resistance: No less than 100MΩ of 500V DC/0.4S.
绝缘阻抗: 大于或等于100MΩ 500V DC/0.4S.
- 1.3 Dielectric strength 耐电压

- 1.3.1 Between two conductors 1500_0^{200} V AC for 1.0s Trip-current 1.0mA max.
导体与导体之间 1500_0^{200} V AC /1秒,漏电流1.0mA(max).
- 1.3.2 Between conductor and body 2500_0^{200} V AC for 1.0s - Trip current 1.0mA max.
导体与本体之间 2500_0^{200} V AC /1秒,漏电流1.0mA(max).

2. Mechanical Characteristics Test 机械性能检验

2.1. Withdrawal force 拔出力

- 2.1.1 For checking each PIN independently from the standard-gauge below 1.5N(Min) Keep for 3S or more.
标准量规对连接器插孔单PIN保持力为最小1.5N保持3秒以上.
- 2.1.2 For checking Integral withdrawal force 50N(Max) from maximum standard gauge. 标准量规(最大值)检查整体拔出力 50N(最大).

3. Finished product conditions 成品状态

- 3.1 The attachment plug front show the test mark of "T".
插头主视面须有测试标志"T".
- 3.2 The dimension with "x/y" must be control and inspected importantly.
带"x/y"尺寸需重点管控和检验.
- 3.2 The dimension with "*" is required by safty standard .
带"*"尺寸为安规尺寸.

4. Standards 标准

- 4.1 The cord shall comply with UL62. 线材符合UL62
- 4.2 The molded plug shall comply with UL817. 插头符合UL 817.
- 4.3 The molded connector shall comply with UL817, IEC60320-1.
连接器符合UL817, IEC60320-1

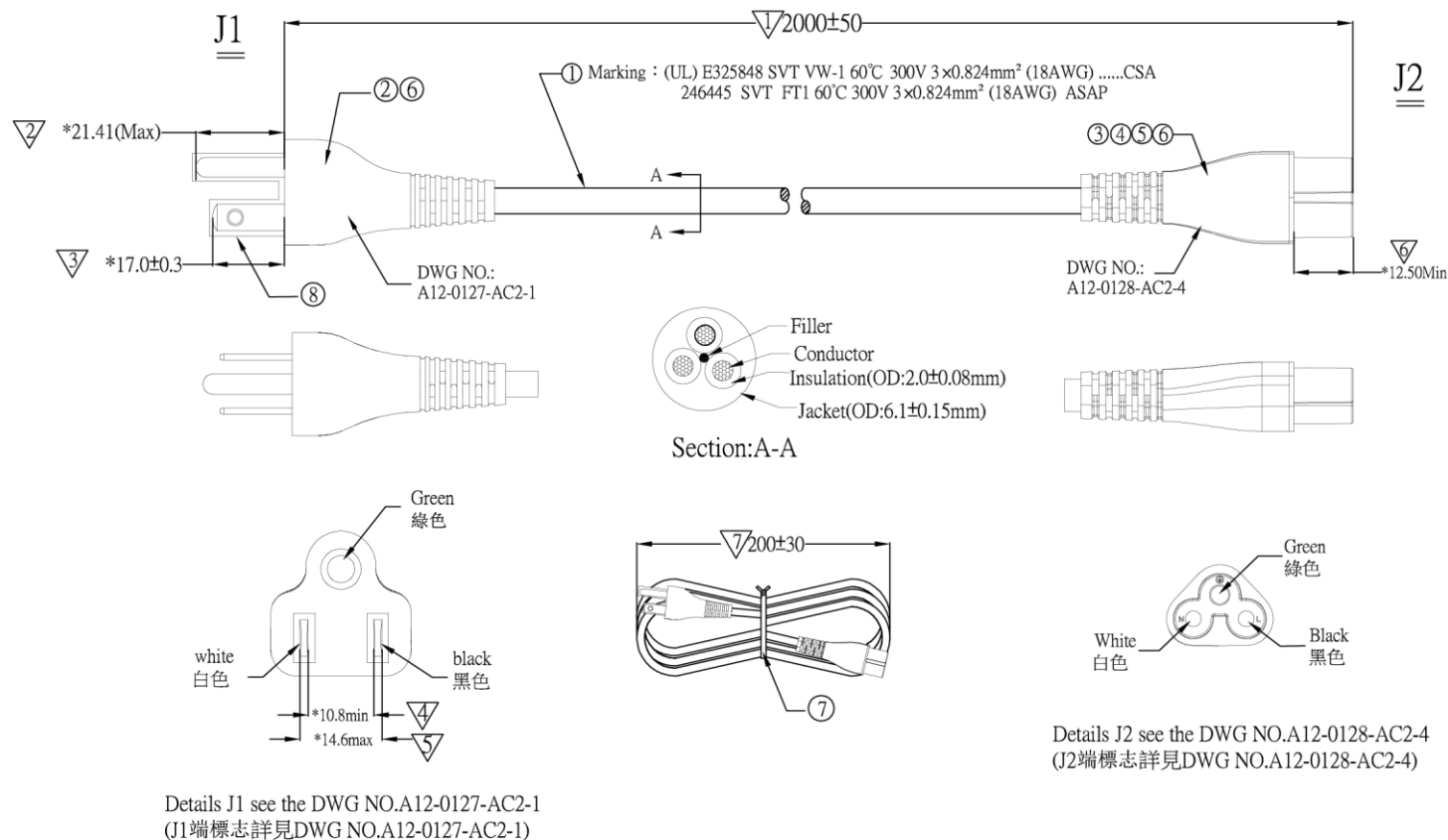
5. Environmental requirement 环保要求

- 5.1 Material and product comply with Doc No."QW-Q-043" 《material-and product- of restricted substance control specification.
物料及成品必须符合QW-Q-043 《材料与成品限用物质管理规范》.

Wiring method 接线方式:

J1	cord	J2
E	green	E
L	black	L
N	white	N

REV.	DESCRIPTION	DESIGN	APPROVAL	DATE
A	NEW	H.Q SONG	BG Yang	2014.07.31
B	ECN14-0000022663(增加UL logo)	Betty	BG YANG	2014.12.04
C	Change the customer P/N	DanPeng	XL DENG	2017.07.28
D	ECN18-0000016767(change the shape of plug and connector)	Hongmei	XL DENG	2018.07.03

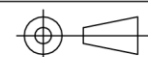


ITEM	NAME	DESCRIPTION	UNIT	QTY
⑧	PIN COVER	Protecting cover for plug pins, White	pcs	1
⑦	TIE	Black PE tie, complying with RoHS.	pcs	1
⑥	PVC PELLET	55P black PVC pellets meeting RoHS and UL94 V-0.	g	
⑤	TERMINAL	O type contact terminal, phosphor copper. size: 0.4*19.2*13.2mm	pcs	1
④	TERMINAL	O type contact terminal, phosphor copper. size: 0.4*17.6*13.1mm	pcs	2
③	HOUSING	Housing for C5 connector, PBT, UL94V-0 BLACK	pcs	1
②	INSERT	UL two poles insert with earthing, PBT 94V-0, black, copper, nickel-plated.	pcs	1
①	POWER CORD	SVT 18AWG/3C 60°C black	mm	NA

X.±	X.°±	UNITS
.X±	.X°±	mm
.XX±	.XX°±	MATL
.XXX±	.XXX°±	
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FINISH		
Q'TY		

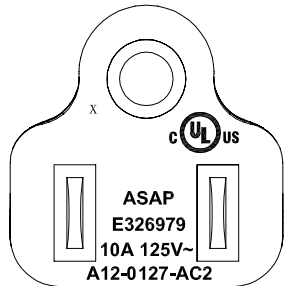
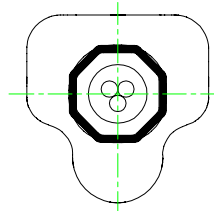
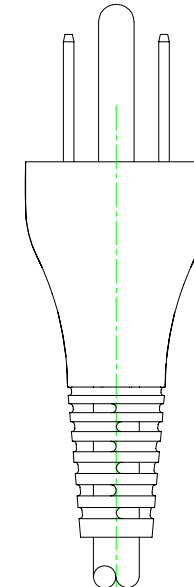
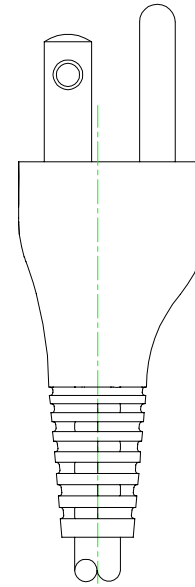
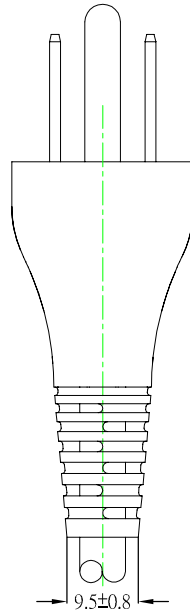
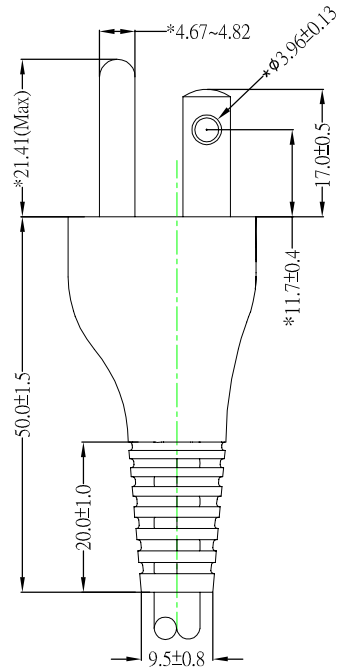
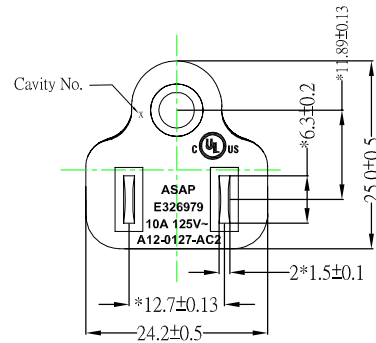
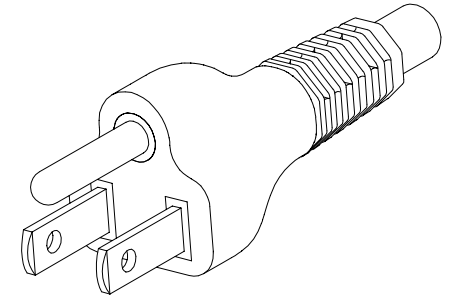
PART NO: L8CAC014-DT-R		TITLE: UL 3P To C5 L2M black		
		DWG NO: L8CAC014-DT-R		
APPD:	XL Deng	SCALE	SHEET	REV.
CHKD:	Guangren Ouyang			
DR:	Hongmei Hu			

P/N:42-0555



NOTE:
 Technical Requirement: The dimension with " * " is for safety standard.

REV.	DESCRIPTION	DESIGN	APPROVAL	DATE
A	NEW	JING LIU	QS LIU	2017.9.27



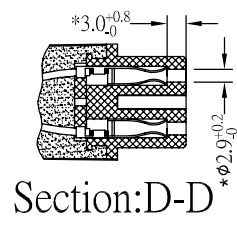
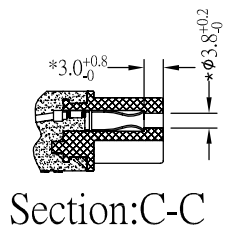
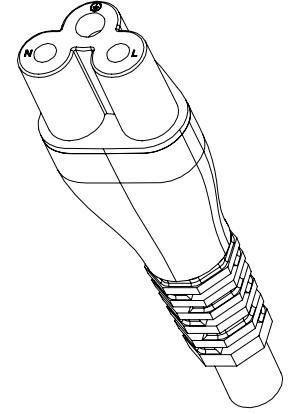
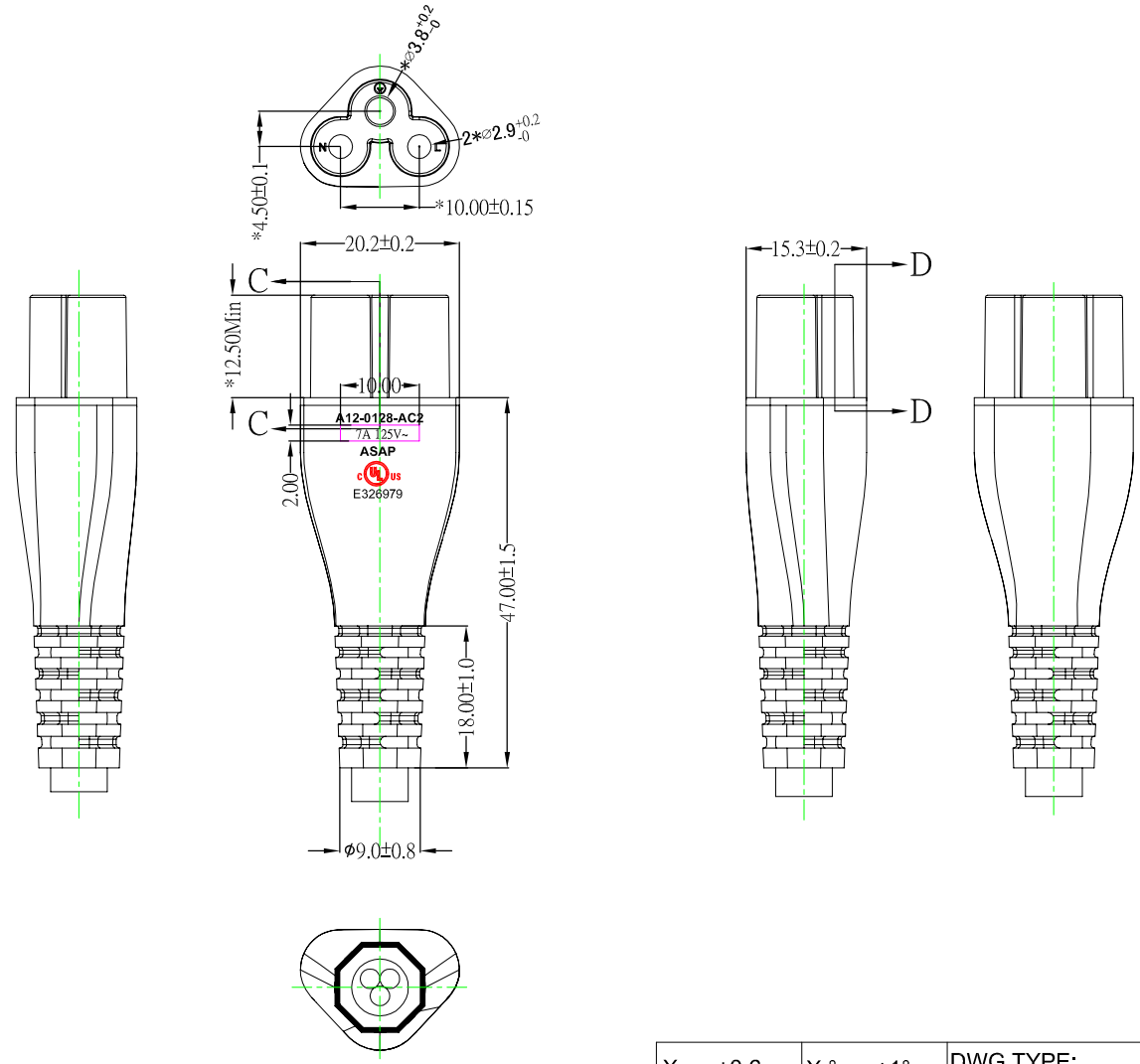
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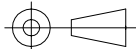
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.X :±0.4	.X° :±0.6°					
.XX:±0.10	.XX°:±0.3°	MOUID NO: AC-P0127-x	DWG NO: A12-0127-AC2-1			
UNITS	mm	APPD: 欧阳光仁				
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		DRAW: 刘景		NONE	1/1	A

1	SVT 18AWGX3C OD:6.1	Round Cable
NO.	SPECIFICATION	Remark

NOTE:
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REV.	DESCRIPTION	DESIGN	APPROVAL	DATE
A	NEW	JING LIU	QS LIU	2017.9.27



X. :±0.6	X.° :±1°	DWG TYPE: PRODUCT DRAWING	TITLE: UL C5 Connector			
.X :±0.4	.X° :±0.6°					
.XX:±0.10	.XX°:±0.3°	MOUID NO: AC-C0128-x	DWG NO: A12-0128-AC2-4			
UNITS	mm	APPD: 邓小兰				
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		DRAW: 伍小强		NONE	1/1	A

SVT 18/3C	OD:6.1	Round Cable
NO.	SPECIFICATION	Remark

