

**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  $2500^{+200}_0$  V AC for 1.0s Trip-current 1.0mA max.  
导体与导体之间  $2500^{+200}_0$  V AC /1秒, 漏电流1.0mA(max).
- 1.3.2 Between conductor and body  $4000^{+200}_0$  V AC for 1.0s - Trip current 1.0mA max.  
导体与本体之间  $4000^{+200}_0$  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 2.0N(Min) Keep for 3S or more.  
标准量规对连接器插孔单PIN保持力为最小2.0N保持3秒以上.
- 2.1.2 For checking Integral withdrawal force 60N(Max) from maximum standard gauge. 标准量规(最大值)检查整体拔出力 60N(最大).

**3. Finished product conditions 成品状态**

- 3.1 The attachment plug front show the test mark of ".".  
插头主视面须有测试标志".
- 3.2 The dimension with "X" must be control and inspected importantly.  
带"X"尺寸需重点管控和检验.

**4. Standards 标准**

- 4.1 The cord shall comply with VDE 0281-5 ,HD21.5.IEC60227  
线材符合VDE 0281-5 ,HD21.5 IEC60227
- 4.2 The plug and connector shall comply with IEC60320&IEC60309  
插头和连接器须符合 IEC60320&IEC60309;

**5. Environmental requirement 环保要求**

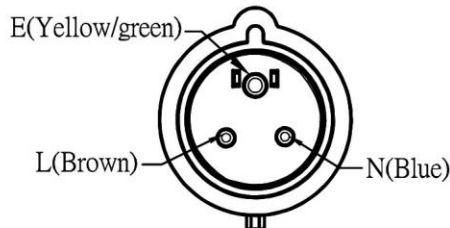
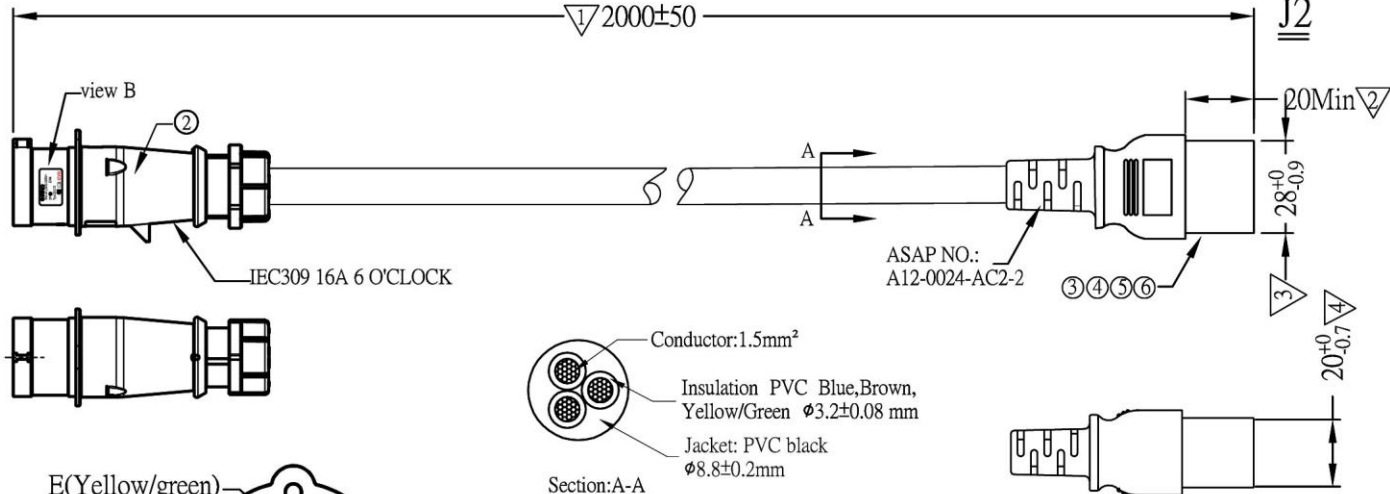
- 5.1 Material and product comply with Doc No."QW-Q-043" 《material-and product- of restricted substance control specification.  
物料及成品必须符合QW-Q-043 《材料与成品限用物质管理规范》.

**Wiring method 接线方式 :**

- J1 cord J2
- E — Yellow/Green 黄/绿 — E
- L — Brown 棕色 — L
- N — Blue 蓝色 — N

REV.	DESCRIPTION	DESIGN	APPROVAL	DATE
F	Change the label on plug (ECN18-0000014248)	Hongmei	XL DENG	2018.04.27
G	Change the label on plug (ECN18-0000035805)	Hongmei	XL DENG	2018.09.20
H	500000131545(remove "S" from CCC mark)	Hongmei	Hongjiang Zhu	2021.07.13

J1



view B 此贴纸供应商提供

ITEM	NAME	DESCRIPTION	Q'TY	UNIT
⑦	TIE	Black PE tie hanking cord and meeting RoHS.	PCS	1
⑥	PLASTIC	55P black PVC pellets meeting RoHS and UL94 V-0.	KG	
⑤	TERMINAL	2X5U type contact terminal with wing for C19 connector,	PCS	3
④	HOUSING	Down cover of C19 , PBT material, black	PCS	1
③	HOUSING	Upper cover of C19 , PBT material, black	PCS	1
②	INSERT	IEC309 16A 3PIN plug 6 O'CLOCK	PCS	1
①	POWER CORD	H05VV-F 3G1.5mm2,black.	MM	NA

X.±	X.°±
.X±	.X°±
.XX±	.XX°±
.XXX±	.XXX°±
UNITS	mm

**P/N:42-4047**

PART NO: L8CAC043-QT-N

TITLE: IEC309 16A plug TO C19 L2.0m black

APPD: Hongjiang Zhu

DWG NO: ACRDN15060033-002

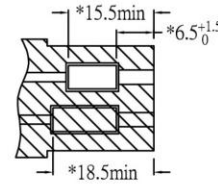
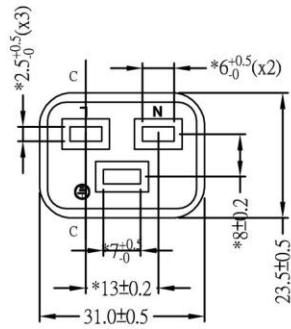
CHKD: Guangren Ouyang

DRAW: Hongmei Hu

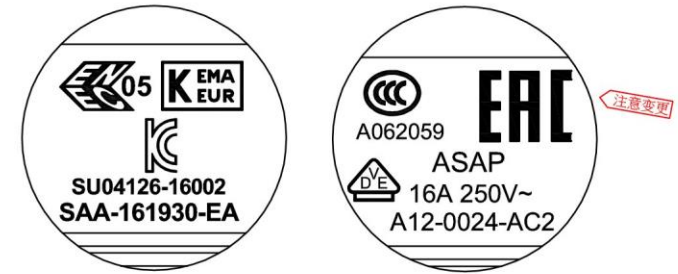
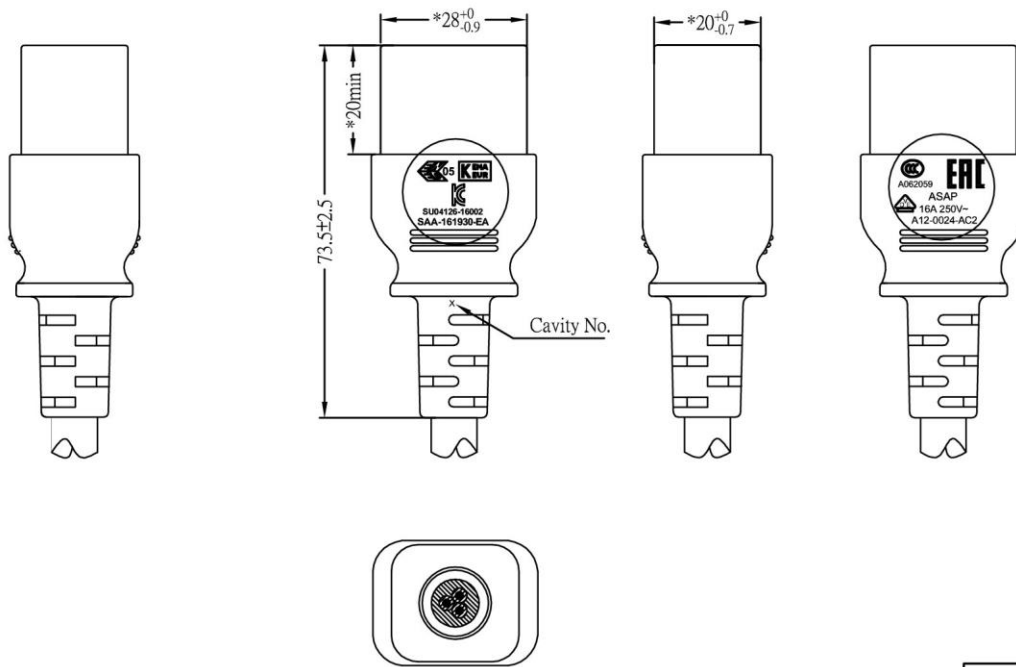
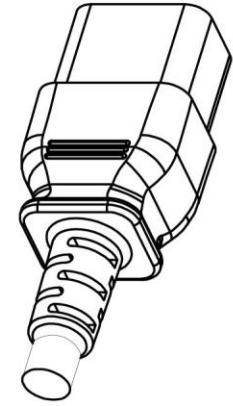
SCALE	SHEET	REV.
NONE	1/1	H

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

REV.	DESCRIPTION	DESIGN	APPROVAL	DATE
A	NEW	Mark Chen	QS LIU	2019.04.09
B	端面增加倒R角	FG HU	QS LIU	2020.05.14



SECTION C-C



Marking 2.5:1

1	H05VV-F 3*1.5 OD:8.8	Round Cable
NO.	SPECIFICATION	Remark

X. :±0.6	X.° :±1°	DWG TYPE: PRODUCT DRAWING	TITLE: C19 Connector			
.X :±0.4	.X° :±0.6°					
.XX:±0.10	.XX°:±0.3°	MOUID NO: AC-C0024-x	DWG NO: A12-0024-AC2-2			
UNITS	mm	APPD:朱红江				
		CHKD:刘秋顺		SCALE	SHEET	REV.
		DRAW:Make chen		NONE	1/1	B