ENGLISH

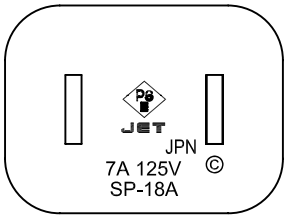
Datasheet

RS PRO 2m Power Cable

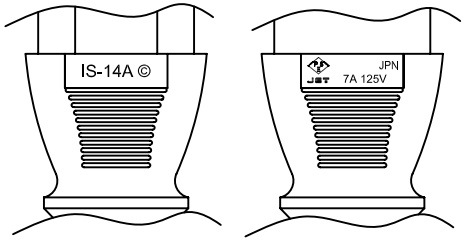
Stock No: **901-0762**

CONTENT

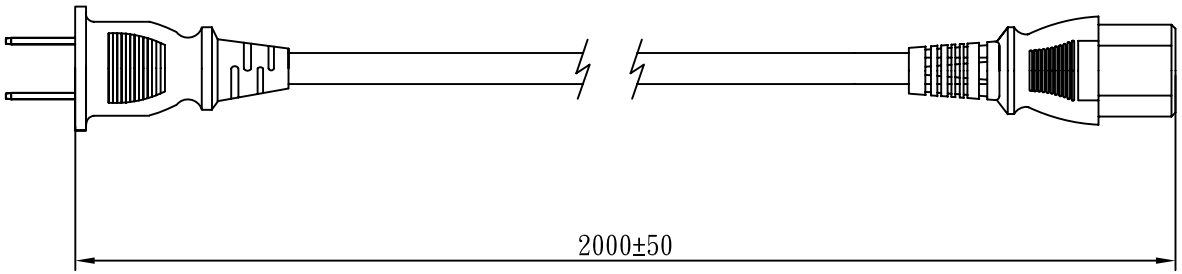
MARKING:

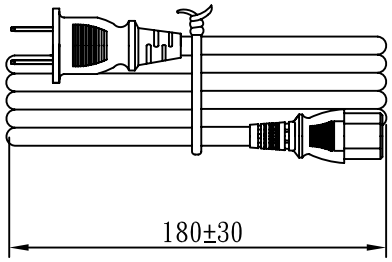


MARKING:



No	BOM ITEM	Q'TY	P/N
1	KWC-50T BLADE	2 pcs	BBN50T02
2	SP-18N INNER BODY	1 pcs	MI18N000
3	PVC 35P (SA93,SP-18A)	18 g	RPP03512
4	KPR-14 TERMINAL	2 pcs	BBB14000
5	IS-14A INNER BODY	1 set	MI014A00
6	PVC 45P (SA87,IS-14A)	22 g	RPP04512
7	PE TIE (BLACK, 6 inch)	1 pcs	KBB10006





WIRING COLOR:

N: White
L: Black

LENGED ON CORD:(713-P15A)

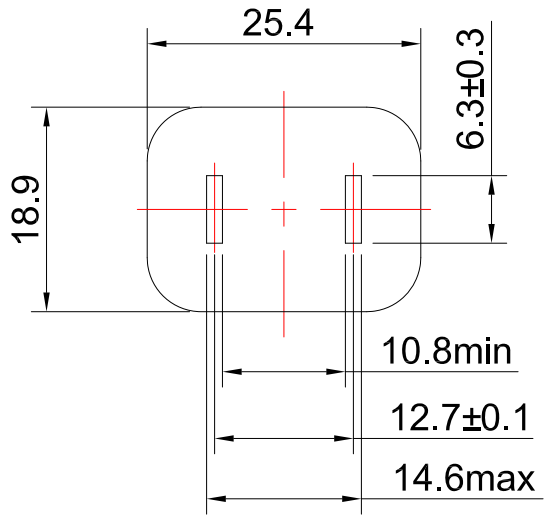
<PS>E JET JPN VCTF 2X0.75mm^2 20XX ISM -F-

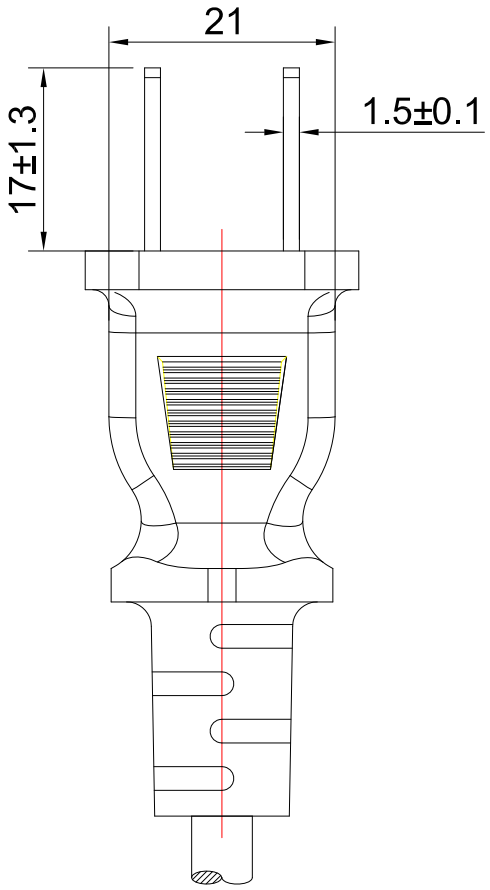
CABLE	VCTF 2x0.75 PSE DENT PRINT CT-12 (BLACK)					
PLUG	SP-18A + IS-14A	LENGTH	2000	UNIT	mm	
CLIENT	NAME	First connectivity	N/W		UNIT	kg
	P/N		SG DWG	SR-141586-24	VER.	A
				Design. by	賀艷紅(2014.06.30)	
				Review. by	朱曉玲(2014.06.30)	
				Approval.by	周德雲(2014.07.01)	

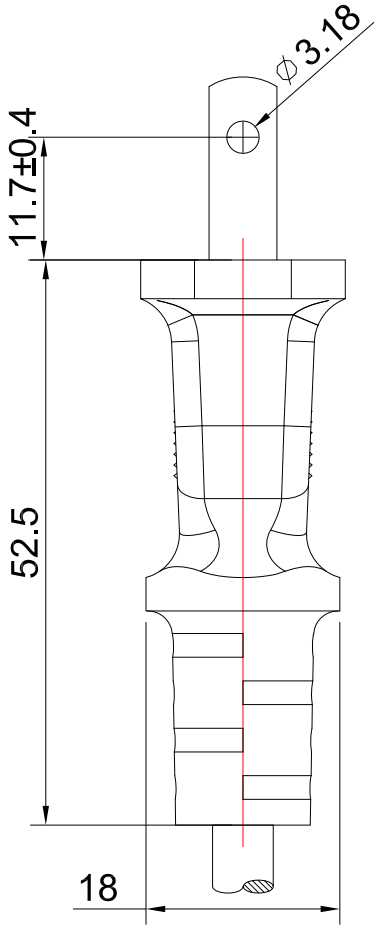
V8A CB2P5A 12 200 00

Sample Drawing

FORM:END-22





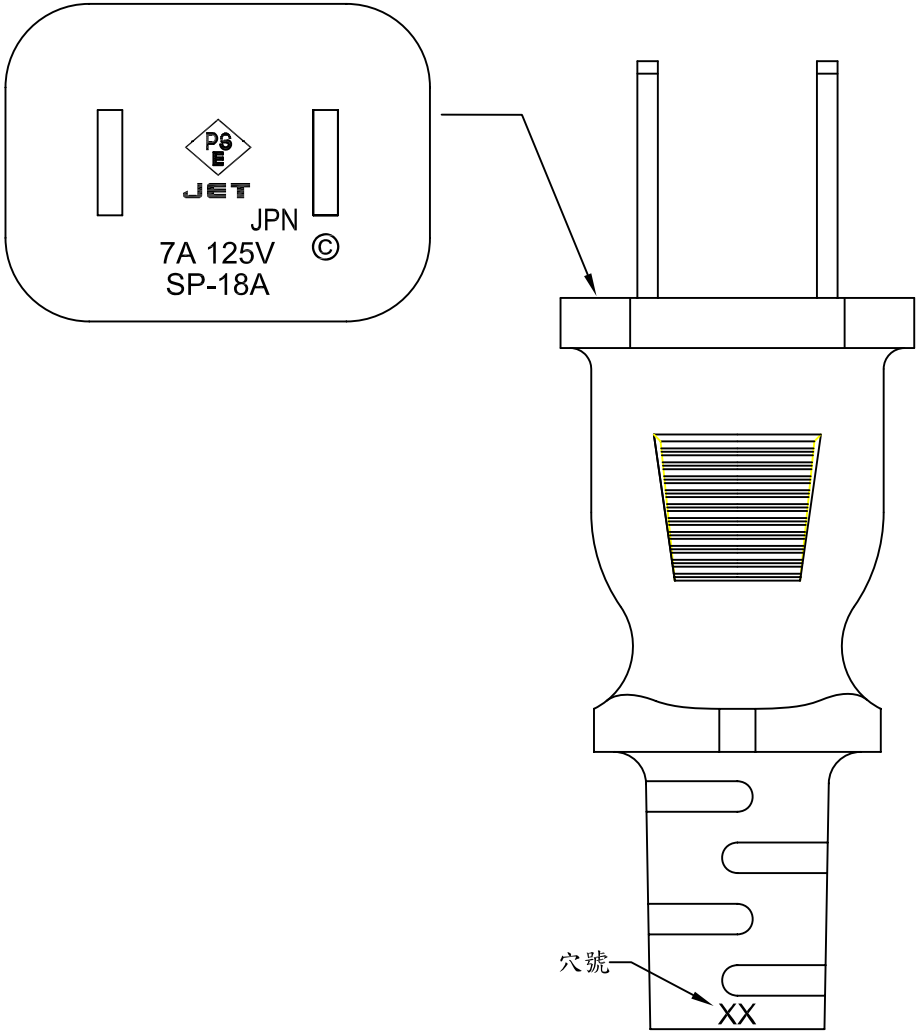


DWG. NAME	TYPE AND DIMENSIONS		
APPLY TO STANDARD	BSMI & PSE APPROVAL POWER SUPPLY CORD		
ISSUE DATE	2011/01/14	REV.	A
REVISE DATE		UNIT	mm
TYPE	SP-18A	DWG. NO.	A8A-3
WIRE	VCTF, HVCTF, 1.25~2.0/2C		
		DESIGN BY	FANNY WANG
		REVIEW BY	GERRY LAI
		APPROVE BY	RYAN LAI

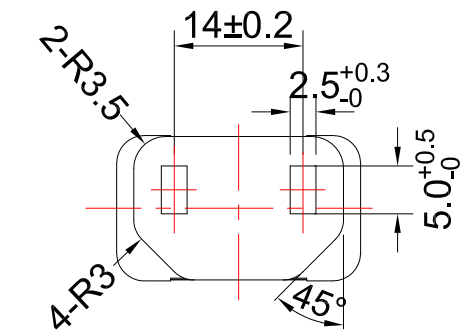
TOLERANCE	
≤ 1.0	±0.3
≤ 10.0	±0.5
≤ 20.0	±
> 20.0	±2.0

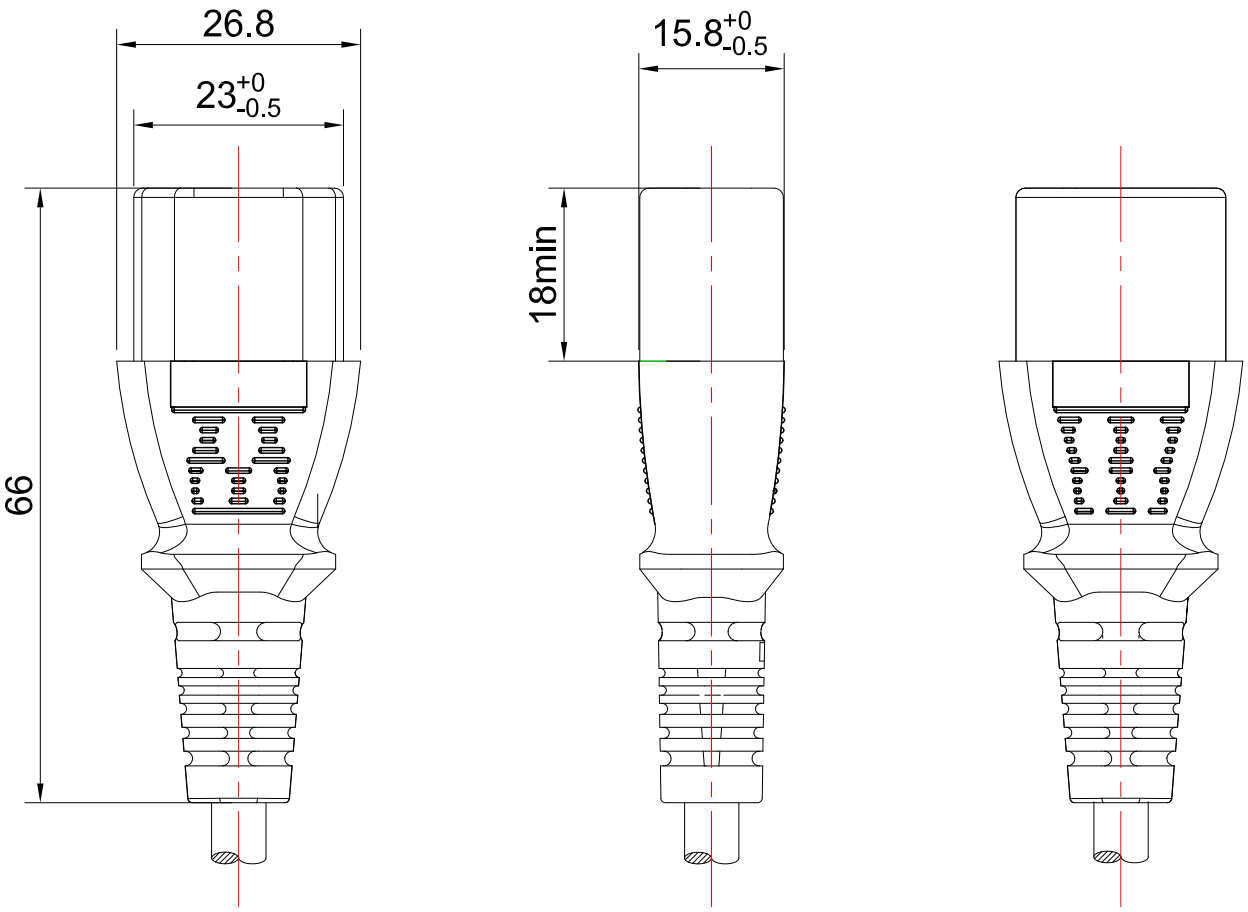
MARKING

ISSUDE 2011.08.10	STD. NAME	PSE APPROVAL POWER SUPPLY CORD	FILE NO. A8A-03-9
REVISED A	CAT NO.	SP-18A 成品標識示意圖	PAGE 1



	D. by	BELLA	C. by	BOBOAN	A. by	YUN





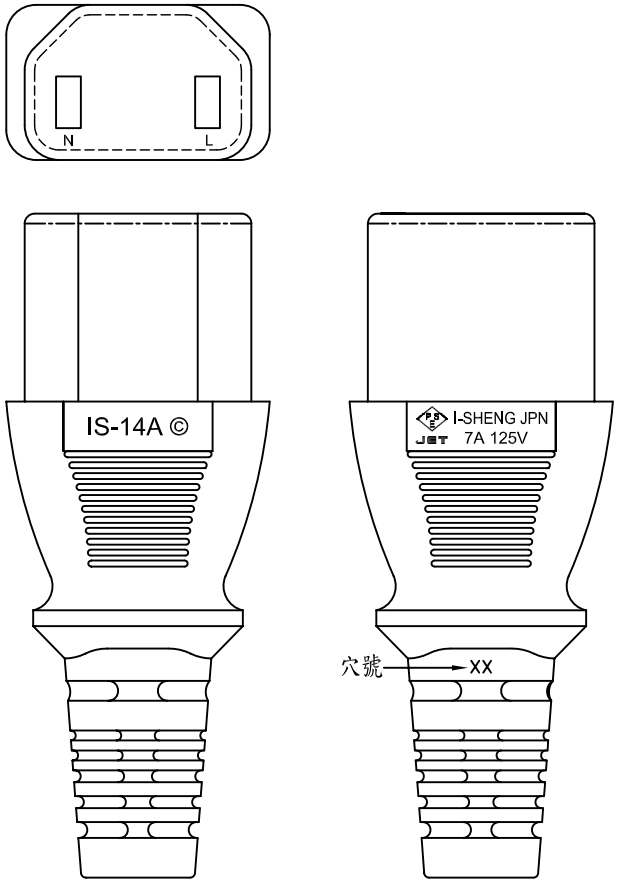
DWG. NAME	TYPE AND DIMENSIONS		
APPLY TO STANDARD	EUROPE APPROVAL POWER SUPPLY CORD		
ISSUE DATE	2010/02/02	REV.	A
REVISE DATE		UNIT	mm
TYPE	IS-14A	DWG. NO.	L4A-04
WIRE	H05VV-F 0.75~1.5/3C, H05VVH2-F 0.75~1.0/2C		
		DESIGN BY	FANNY WANG
		REVIEW BY	GERRY LAI
		APPROVE BY	RYAN LAI

TOLERANCE	
≤ 1.0	±0.3
≤ 10.0	±0.5
≤ 20.0	±
> 20.0	±2.0

MARKING

ISSUED 2011.10.19	STD. NAME	PSE APPROVAL POWER SUPPLY CORD	FILE NO. L4A-03-1
REVISED A	CAT NO.	IS-14A 成品標識示意圖	PAGE 1

IS-14A ©



JPN
7A 125V

	D. by	BELLA	C. by	BOBOAN	A. by	YUN

SPECIFICATION

Rev. 1.0

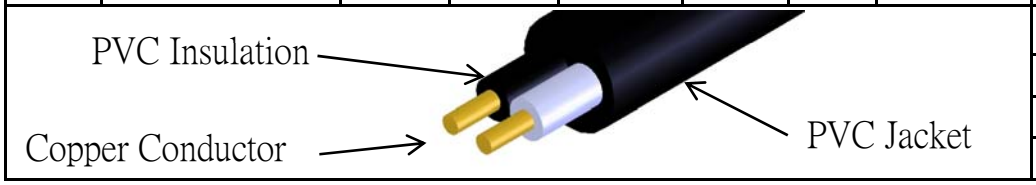
Issued	2014/7/1	Description	File No.	V8ACB2P5A
Revised		SP-18A+IS-14A VCTF 2x0.75mm^2	Page	1/1

1. Scope :
   This specification is applied to power supply cord conforming to:
   Electrical Appliance and Material Safety Law

2. Construction and dimensions:
   In accordance with the following tables and attached drawings.

Item	Cat. No.	Rating		Approved No.	
		A	V	SHENZHEN	KUNSHAN
Plug	SP-18A	7	125	JET0985-43001-1005	JET2090-43001-1003
Connector	IS-14A	7	125	JET0985-43004-1004	JET2090-43004-1003

Flexible cord								VCTF 2x0.75mm^2
Approved No.								JET 0985-12009-1003 、 JET 2090-12009-1001
Rating								300V 60℃
Conductor		Insulation			Jacket			Conductor Resistance
Nominal (mm^2) (AWG)	Composition (pcs/mm)	Avg. Thickness (mm)	Min Thickness (mm)	Diameter (mm)	Avg. Thickness (mm)	Min Thickness (mm)	Diameter	Max 25.1Ω/km at 20℃ In case of dispute, Conductor resistance shall be the referee method.
0.75	30/ϕ0.178±0.005	0.54	0.48	ϕ2.35±0.1	0.9	0.7	ϕ6.6±0.2	



Insulation Color
Black
White

3. Cable marking on the sheath:

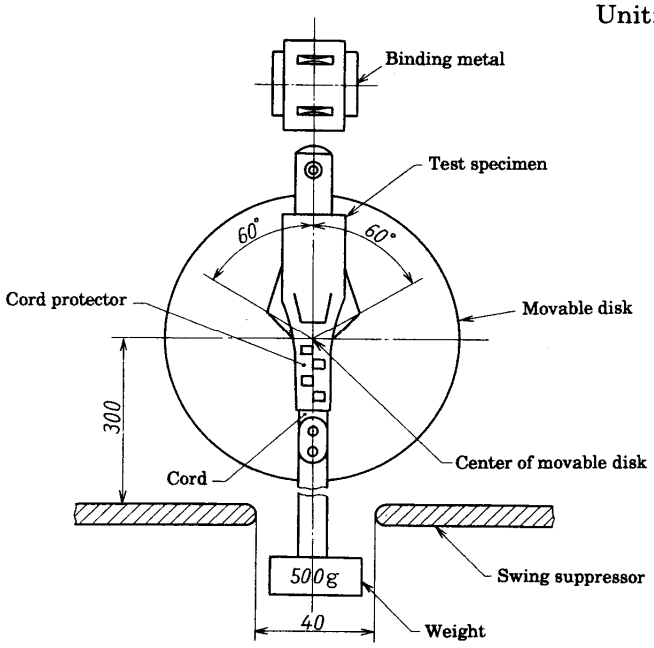
Shenzhen: < PS >E JET JPN VCTF 2x0.75mm^2 20XX ISM -F-
Kunshan: < PS >E JET JPN VCTF 2x0.75mm^2 20XX ISK -F-

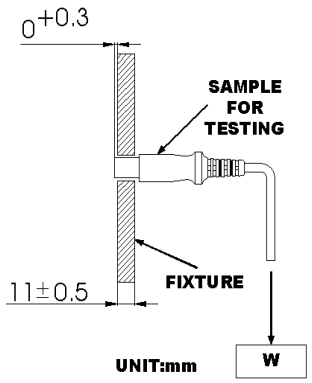
20XX: Year of production

發行 ISSUED 2000.03.05	標準名稱 STD.NAME	SPECIFICATION	檔案編號 FILE NO
修訂 REVISED 2010.09.20	題目 TITLE	THE CHARACTERISTIC OF POWER SUPPLY CORD FOR JAPAN	SPEC-JP

Items 項目		Conditions 條件		Specification 規格
1	Insulation resistance 絕緣抵抗	Apply a voltage of 500V DC for 1 min at an ambient temperature of 20℃,after which measurement shall be made.	Between two conductors 導體相互間	100MΩ or more 以上
			Between a conductor and ground 導體大地間	
2	Electric strength 耐電壓	Testing transformer capacity (耐壓計容量) :500 VA or more Trip current (遮斷電流) :2mA frequency (周波數) :50/60 Hz	Between two Conductors 2500V/1 min. 導體相互間,1分鐘	Without breakdown or flashover shall occur 沒有損壞
			Between conductor and ground 2500V/1 min. 導體大地間,1分鐘	
			Between conductors And outside body 2500 V/1 min. 導體表面間, 1分鐘	
3	Temperature rise 溫昇	The temperature rise of the contact between the blade and the blade receiver and that of the screwless terminal and the blade of movable blade type shall not exceed the following values: Contact between blade and blade receiver Rated current 15 A or less ….30℃ Rated current 20A or more …40℃		The temperature rise of terminals and contacts shall not exceed 30K
4	Resistance to heat 耐熱試驗	Test being made in a heating cabinet at a temperature of 80℃ for 7 hours.		The specimen shall show no damage.

發行 ISSUED 2000.03.05	標準名稱 STD.NAME	SPECIFICATION	檔案編號 FILE NO
修訂 REVISED 2010.09.20	題目 TITLE	THE CHARACTERISTIC OF POWER SUPPLY CORD FOR JAPAN	SPEC-JP

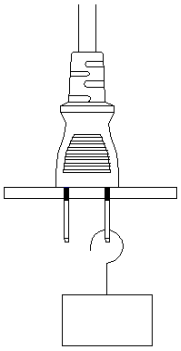
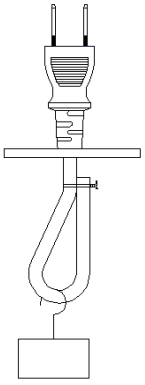
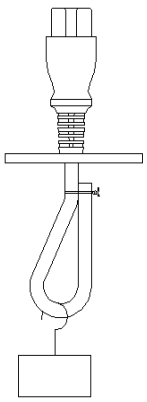
<table>
<tr><th colspan="2">Items
項目</th><th>Conditions
條件</th><th>Specification
規格</th></tr>
<tr><td>5</td><td>Flexing test
屈曲強度</td><td>This test shall be made at an ambient temperature of 25±5℃ to examine the strength of protectors of the attachment plug .
<table>
<tr><th></th><th>Load Weight (g)</th><th>Angle θ (°)</th><th>Optional direction (turns)</th><th>Rate of flexing per min (turns)</th></tr>
<tr><td>plug</td><td>500</td><td>60</td><td>2000</td><td>40</td></tr>
<tr><td>connector</td><td>500</td><td>60</td><td>2000</td><td>40</td></tr>
</table>
Unit: mm


A sample of flexing cord shall be fixed in the apparatus as shown in the above.</td><td>Without damage, such as break or exposure conductor break, insulation damage etc. the percentage of broken wires 30% or less.</td></tr>
<tr><td>6</td><td>Bending strength of connector body
本體機械強度</td><td>After the connector’ s point is fixed as shown in the figure below. Load of 10kg shall be applied vertically and slowly for 15 s.

</td><td>After the test, the connector shall show no damage.</td></tr>
</table>

<table>
<tr><th colspan="2">Items
項目</th><th colspan="3">Conditions
條件</th><th>Specification
規格</th></tr>
<tr><td>7</td><td>Moisture resistance
耐濕性</td><td colspan="3">The humidity treatment is carried out in a humidity cabinet containing air with a relative humidity maintained between 91% and 95%. The temperature of the air, at all places where specimens can be located, is maintained within ±1℃ of any convenient value t℃ between 20℃ and 30℃.

Before being placed in the humidity cabinet, the specimens are brought to a temperature between t℃ and (t+4) ℃.

The specimens are kept in the cabinet for
- 168h (7 days) for connector with earthing contact and for appliance inlets with earthing contact, which are submitted as individual accessories, not incorporated in other equipment.
- 48h (2 day) in all other cases.</td><td>After this treatment, the specimen shall show no damage.</td></tr>
<tr><td>8</td><td>Withdrawal force
引拔力</td><td colspan="3">The test specimen is mounted on a suitable testing device, the test plug is inserted correctly, the tensile load is gradually applied straight in the pull out direction, and the value when the plug is slipped out shall be measured.
The measurement of retention force shall be carried out on the same specimen 3 times consecutively and the retention force shall be expressed by the mean value.
<table><tr><th>Number of poles</th><th>Rated current A</th><th>Retaining force N (kgf)</th></tr><tr><td rowspan="3">2 poles</td><td>15 or less</td><td>10 to 60 (1.02 to 6.12)</td></tr><tr><td>20</td><td>15 to 60 (1.53 to 6.12)</td></tr><tr><td>30</td><td>20 to 100 (2.04 to 10.2)</td></tr><tr><td rowspan="3">2 poles (with earthed pole), 3 poles</td><td>15 or less</td><td>15 to 60 (1.53 to 6.12)</td></tr><tr><td>20</td><td>20 to 100 (2.04 to 10.2)</td></tr><tr><td>30, 50</td><td>30 to 120 (3.06 to 12.2)</td></tr><tr><td rowspan="3">3 poles (with earthed pole),</td><td>15 or less</td><td>20 to 80 (2.04 to 8.16)</td></tr><tr><td>20</td><td>30 to 130 (3.06 to 13.2)</td></tr><tr><td>30</td><td>40 to 150 (4.08 to 15.3)</td></tr></table></td><td>The insertion force and the withdrawal force should be 2~6kg.</td></tr>
<tr><td>9</td><td>Polarity/Continuity</td><td colspan="3">Line and neutral shall be test at 24V;shall be instantaneous</td><td>Without breakdown</td></tr>
</table>

Items 項目		Conditions 條件	Specification 規格
10	Blade security 銅片牢固力測試	Apply a straight pull of 98 Newton for 2 min between an attachment plug and blade(s). 	After the test, the blades shall not be displaced by more than 2.4mm.
11	Strain relief 外部拉力測試	Apply a straight pull of 137.2 Newton for 1 min between an attachment plug and a flexible cord and between a cord connector and a flexible cord.  Between an attachment plug and a flexible cord  Between a cord connector and a flexible cord	Without damage, such as displacement or looseness or detachment of metal parts, conductor break, insulation damage etc.

適合性同等検査合格書
Statement of Conformity Assessment

電気用品安全法第８条第１項に規定する技術基準及び同法第９条第２項の経済産業省令で定める基準（法第９条第１項第２号に係る検査に係るものに限る）に適合していることを証明します
I hereby certify that the product mentioned below complies with the technical requirements stipulated in Paragraph 1 of Article 8 of Electrical Appliance and Material Safety Law(hereunder referred to as the Law) and the requirements defined by the ordinance of the Ministry of Economy, Trade and Industry based on Paragraph 2 of Article 9 of the Law (limited to Item 2 of Paragraph 1 of Article 9 for Inspection of the Law).

１．合格書番号：Statement Number　ＪＥＴ０９８５－４３００１－１００５
２．発行年月日：Date of Issue　平成21年 6月 7日　June 7, 2009
３．有効年月日：Date of Validity　平成28年 6月 6日　June 6, 2016
４．申込者名 (Applicant)
住所：Address

氏名又は名称：Name

５．特定電気用品名：Name of Product　差込みプラグ　Attachment plugs
６．型式の区分：Type Classification　別紙のとおり　See attached "Type Classification"
７．製造工場名 (Manufacturer)
住所：Address

氏名又は名称：Name

８．適用試験規格：Applied Standard for Testing　電気用品の技術上の基準を定める省令第１項　Article 1 of The Technical Requirements of the METI Ordinance
別表第四１及び６
Appendix 4 Section 1 and Section 6

９．適合性検査の方法：(Testing Method for Conformity Assessment)

1)試験用の特定電気用品については、電気用品の技術上の基準を定める省令に定める方法
With respect to testing for Category A products, the testing method is based on the technical requirements of the Electrical Appliance amd Material stipulated in the METI Ordinance.

2)当該特定電気用品に係る届出事業者又は事業場における検査設備については、電気用品安全法施行規則別表第四の検査設備の欄に掲げる検査設備ごとにそれぞれ同表の技術上の基準の欄に掲げる方法
With respect to inspection facilities required for Category A products at the factory, Testing Method described in the column of the technical requirements for each inspection facilities in the column of inspection facilities as shown in the Appendix 4 of Enforcement Regulations of the Law.

財団法人　電気安全環境研究所
Japan Electrical Safety & Environment technology Laboratories
理事長 吉澤 均
President Hitoshi Yoshizawa

東京都渋谷区代々木５－１４－１２ (5-14-12, Yoyogi, Shibuya-ku, Tokyo)

適合性同等検査合格書別紙

Statement of Conformity Assessment

型　式　の　区　分

Type Classification

要　素 Factor	区　分 Classification
定格電圧 Rated voltage	(1) 125Ｖ以下のもの 125V or less
定格電流 Rated current	(2) ３Ａを超え７Ａ以下のもの Exceeding 3A, and less than or equal to 7A
極の配置（電気用品の技術上の基準を定める省令（昭和三十七年通商産業省令第八十五号。以下「技術基準省令」という。）別表第四６(1)二(ホ)ａに定める寸法に適合するものの場合に限る。） Pole configuration (limited to those specified in sub-clause 6.1.4(5)a of Appendix 4 based on the METI ordinance No.85 in 1962)	(1) IIのもの II
刃の取付けの方式 Blade fixing method	(1) 一体として成形されているもの Integrated type
主絶縁体の材料 Insulation materials	(1) 合成樹脂のもの Plastic
外郭の材料 Outer case materials	(2) 合成樹脂のもの Plastic
接続の方式 Connection method	(1) 差込み型のもの（ロックナット式のものを除く。） Plug-in type (excluding those with locking nuts)
防水構造 Type of waterproof	(3) 非防水型のもの Not treated with waterproof type

合格書番号：ＪＥＴ０９８５－４３００１－１００５

適合性同等検査合格書
Statement of Conformity Assessment

電気用品安全法第８条第１項に規定する技術基準及び同法第９条第２項の経済産業省令で定める基準（法第９条第１項第２号に係る検査に係るものに限る）に適合していることを証明します
I hereby certify that the product mentioned below complies with the technical requirements stipulated in Paragraph 1 of Article 8 of Electrical Appliance and Material Safety Law(hereunder referred to as the Law) and the requirements defined by the ordinance of the Ministry of Economy, Trade and Industry based on Paragraph 2 of Article 9 of the Law (limited to Item 2 of Paragraph 1 of Article 9 for Inspection of the Law).

１．合格書番号：Statement Number　ＪＥＴ０９８５－４３００４－１００４
２．発行年月日：Date of Issue　平成22年 1月29日 January 29, 2010
３．有効年月日：Date of Validity　平成29年 1月28日 January 28, 2017
４．申込者名 (Applicant)
住所：Address

氏名又は名称：Name

５．特定電気用品名：Name of Product　コードコネクターボディ Cord connector bodies
６．型式の区分：Type Classification　別紙のとおり See attached "Type Classification"
７．製造工場名 (Manufacturer)
住所：Address

氏名又は名称：Name

８．適用試験規格：Applied Standard for Testing　電気用品の技術上の基準を定める省令第１項 Article 1 of The Technical Requirements of the METI Ordinance
別表第四１及び６
Appendix 4 Section 1 and Section 6

９．適合性検査の方法：(Testing Method for Conformity Assessment)

1)試験用の特定電気用品については、電気用品の技術上の基準を定める省令に定める方法
With respect to testing for Category A products, the testing method is based on the technical requirements of the Electrical Appliance amd Material stipulated in the METI Ordinance.

2)当該特定電気用品に係る届出事業者又は事業場における検査設備については、電気用品安全法施行規則別表第四の検査設備の欄に掲げる検査設備ごとにそれぞれ同表の技術上の基準の欄に掲げる方法
With respect to inspection facilities required for Category A products at the factory, Testing Method described in the column of the technical requirements for each inspection facilities in the column of inspection facilities, as shown in the Appendix 4 of Enforcement Regulations of the Law.

財団法人　電気安全環境研究所
Japan Electrical Safety & Environment technology Laboratories(JET)
理事長　末廣　惠雄
President　Shigeo Suehiro

東京都渋谷区代々木５－１４－１２ (5-14-12, Yoyogi, Shibuya-ku, Tokyo)

適合性同等検査合格書別紙

Statement of Conformity Assessment

型　式　の　区　分

Type Classification

要　素 Factor	区　分 Classification
定格電圧 Rated voltage	(1) 125Ｖ以下のもの 125V or less
定格電流 Rated current	(2) ３Ａを超え７Ａ以下のもの Exceeding 3A, and less than or equal to 7A
極の数（技術基準省令別表第四６(1)ニ(ホ)ｂに定める寸法に適合するものの場合に限る。） Number of poles (limited to those specified in sub-clause 6.1.4(5)b of Appendix 4 based on the METI ordinance No.85 in 1962)	(1) アース極を含めて２のもの Two including earth
接続の方式 Connection method	(1) 差込み型のもの（ロックナット式のものを除く。） Plug-in type (excluding those with locking nuts)
主絶縁体の材料 Insulation materials	(1) 合成樹脂のもの Plastic
外郭の材料 Outer case materials	(2) 合成樹脂のもの Plastic
スイッチ Switch	(2) ないもの Without switch
電線と器体との一体成形（コンセントの場合を除く。） Non-rewirable construction (except socket outlets)	(1) あるもの With non-rewirable construction
防水構造 Type of waterproof	(3) 非防水型のもの Not treated with waterproof type

合格書番号：ＪＥＴ０９８５－４３００４－１００４