

# CERTIFICATE OF COMPLIANCE

**Certificate Number** 20190327-E256841  
**Report Reference** E256841-20190321  
**Issue Date** 2019-MARCH-27

**Issued to:** NINGBO HAODA ELECTRONICS CO LTD  
SIMEN TOWN  
YUYAO  
NINGBO  
ZHEJIANG 315472 CHINA

**This certificate confirms that  
representative samples of**

**CORD SETS AND POWER-SUPPLY CORDS  
Outdoor Use.**

Have been investigated by UL in accordance with the  
Standard(s) indicated on this Certificate.

**Standard(s) for Safety:**

UL 817, Cords Sets and Power-Supply Cords.

CSA C22.2 No. 21-18, Cords Sets and Power-Supply Cords

**Additional Information:**

See the UL Online Certifications Directory at  
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This *Certificate of Compliance* does not provide authorization to apply the UL Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

UL LLC

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File E256841

Project 05CA29098

November 10, 2005

REPORT

on

UNLISTED COMPONENT - Attachment Plugs, Fuseless  
for use only in

APPLICANT'S CORD SETS AND POWER SUPPLY CORDS

Ningbo Haoda Electronics Co Ltd  
Zhejiang China

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## DESCRIPTION

## PRODUCT COVERED:

Unlisted component attachment plug cap, Cat. Nos. HD-2, HD-2I, HD-3.

## ELECTRICAL RATING:

Config. Rating WD6	Cat. No.	USL	CNL	Cord AWG	Listed Cord Type or Group (+)	Amps	Outdoor Use (Y/N)
1-15P	HD-2	X	X	18	SPT-1, SPT-2	10	N
		X	X	18	SPT-1W, SPT-2W	10	N
		X	X	18	NISPT-1, NISPT-2, HPN	10	N
		X	X	16	SPT-2, SPT-2W	13	N
		X	X	16	NISPT-2	13	N
		X	X	16	HPN	15	N
* 1-15P	HD-2I	X	X	14	HPN	15	N
		X	X	18	Group 3	10	Y
		X	X	18	Group 5	12	N
		X	X	16	Group 3	13	Y
		X	X	16	Group 5	13	N
		X	X	14	Group 3	15	Y
5-15P	HD-3	X	X	18	STP-1, SPT-2, Group 3, Group 5	10	N
		X	X	18	STP-1W, SPT-2W	10	N
		X	X	18	NISPT-1, NISPT-2	10	N
		X	X	18	SPT-3, HPN	10	N
		X	X	17	Group 5	12	N
		X	X	16	SPT-2, Group 3, SPT-2W	13	Y
*		X	X	16	NISPT-2, SPT-3	13	N
		X	X	16	HPN	13, 15	N
		X	X	16	Group 5	13	N
		X	X	14	SPT-3	15	N
*		X	X	14	Group 3	15	Y

USL - Indicates evaluation to UL 817, the Standard for Cord Sets and Power Supply Cords.

CNL - Indicates evaluation to CSA C 22.2 No. 21 for Cord Sets and Power Supply Cords.

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Cord Group	Cord Type
1	SJ, SJW, SJO, SJOW, SJOO, SJOOW
2	SJE, SJEW, SJE0, SJEOW, SJE00, SJE0OW
3	SJT, SJTW, SJTO, SJTOW, SJTOO, SJTOOW
4	SVE, SVE0, SVE00
5	SVT, SVTO, SVTOO
6	S, SW, SO, SOW, SOO, SOOW
7	SE, SEW, SEO, SEOW, SEO0, SE0OW
8	ST, STW, STO, STOW, STOO, ST0OW

**ENGINEERING CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE'S USE):**

For use only in Applicant's cord sets and power supply cords where the acceptability is determined by Underwriters Laboratories Inc.

**Conditions of Acceptability -**

1. These devices have been evaluated when molded on the specific conductor size specified in this Procedure.

2. Use with any other size cord may require additional evaluation.

3. These fittings should be used only within their electrical rating.

\* 4. Cat. Nos. HD-2I, HD-3 have been evaluated for both indoor and outdoor use. For outdoor use, the cord should be Type "W" only.

Cat. No	Body Material Type	Outdoor Use (UL)	Outdoor Use (CUL)
HD-2I	750	Y	Y
HD-3	750	Y	Y



File E256841

Project 05CA29098

November 12, 2005

REPORT

on

UNLISTED COMPONENT - Attachment Plugs, Fuseless  
for use only in

APPLICANT'S CORD SETS AND POWER SUPPLY CORDS

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Ningbo Haoda Electronics Co. Ltd.  
Zhejiang China

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Issued: 2005-11-12  
Revised: 2019-03-21

## DESCRIPTION

### PRODUCT COVERED:

Unlisted Component: Nonstandard Configuration Cord Connectors, Cat. No. YDT

### ELECTRICAL RATING:

Config. Rating	Cat. Nos.	USL	CNL	Cord AWG	Cord Type Group	Amps	Voltage	Outdoor Use (Y/N)
C13	YDT	X	X	18, 16	Group 3 Group 5	10, 13	125/250	N

USL - Indicates evaluation to UL 817, the Standard for Cord Sets and Power Supply Cords.

**USL - Indicates investigation to United States Standard UL 60320-1, Second Edition.**

CNL - Indicates evaluation to CSA C22.2 No. 21 for Cord Sets and Power Supply Cords.

**CNU - Indicates investigation to Canadian National Standard CSA C22.2 No. 60320-1-11, First Edition.**



Cord Group	Cord Type
1	SJ, SJW, SJO, SJOW, SJOO, SJOOW
2	SJE, SJEW, SJE, SJEOW, SJEEO, SJEEOOW
3	SJT, SJTW, SJTO, SJTOW, SJTOO, SJTOOW
4	SVE, SVEO, SVEOO
5	SVT, SVTO, SVTOO
6	S, SW, SO, SOW, SOO, SOOW
7	SE, SEW, SEO, SEOW, SEOO, SEOOOW
8	ST, STW, STO, STOW, STOO, STOOOW

## ENGINEERING CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE'S USE):

For use only in Applicant's cord sets and power supply cords where the acceptability is determined by Underwriters Laboratories Inc.

## Conditions of Acceptability -

1. These devices have been evaluated when molded on the specific conductor size specified in this Procedure.
2. Use with any other size cord may require additional evaluation.
3. These fittings should be used only within their electrical rating.
4. These fittings have not been evaluated for outdoor use.

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