

MARKING: YP-61A

10  
250 ~

BS1363/A  
MADE IN CHINA



APPR. BY ASTA LIC 1359

L00244A



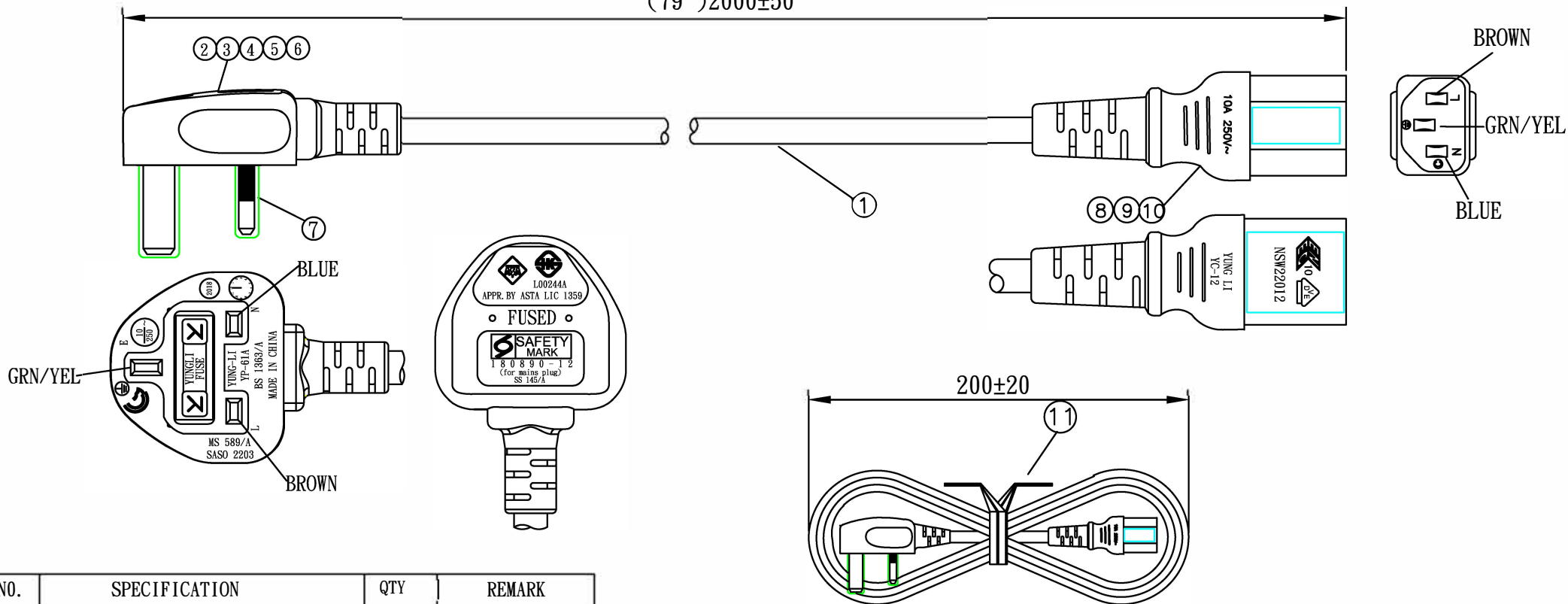
SAFETY MARK  
1 8 0 8 9 0 - 1 2  
(for marking plate)  
SS 145/A

SASO 2203 MS 589/ A



NSW22012






(79") 2000±50



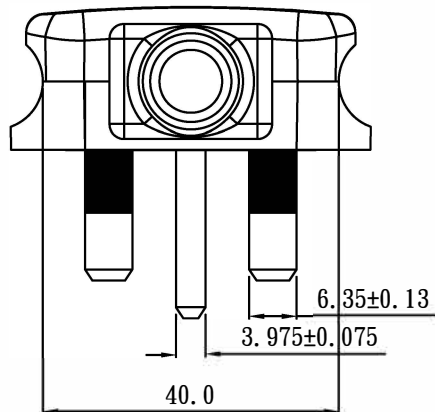
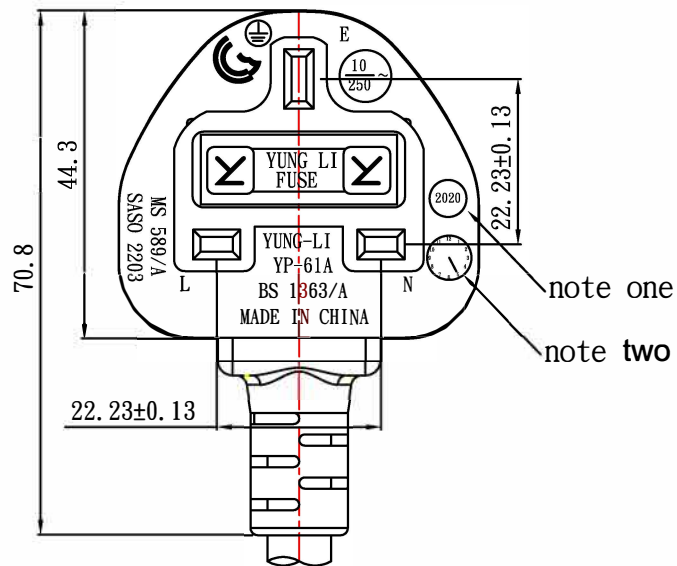
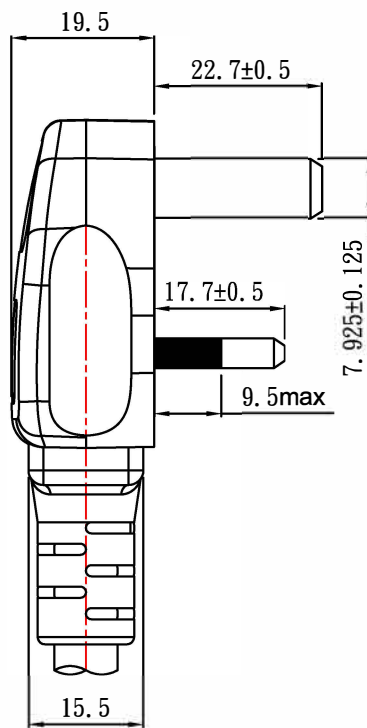
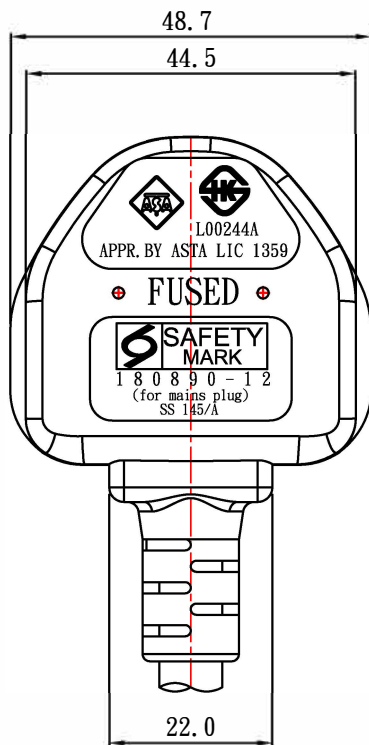
NO.	SPECIFICATION	QTY	REMARK
1	H05VV-F 3G 1.0mm <sup>2</sup> BLACK	1PC	
2	YP-61A PVC PLASTIC:60P BLACK	54g/PC	
3	FRAME: BLACK	1PC	
4	FUSE LID: BLACK	1PC	
5	FRAME LID	1PC	
6	FUSE:10A	1PC	
7	SLEEVE WHITE	1PC	
8	YC-12 INNER BODY	1PC	
9	TER:97740BS-0	3PCS	
10	YC-12 PVC PLASTIC:50P BLACK	18g/PC	
11	MINI TIE:L=150mm BLACK	1PC	

Tolerance >0±0.30 >1.0±0.50 >10.0±1.0 >20.0±2.0 Angle: ±1°	Approved		Date				
	Checked		Date				
	Drawn	SUKI	Date	20.09.25	Customer		
	Cat. No.	YP-61A/YC-12			P/N.		
	Drawing No.	CY-B0278-01	Rev.	B	Material	P.V.C	Unit
				Scale			

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10/250 ~ BS1363/A(2020)   APPR. BY ASTA LIC 1359   SASO 2203 MS 589/A 

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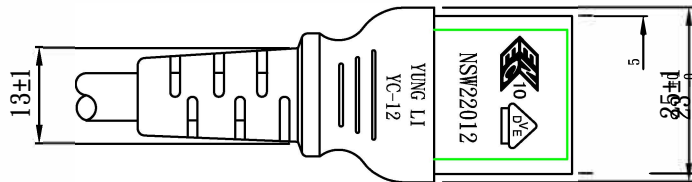
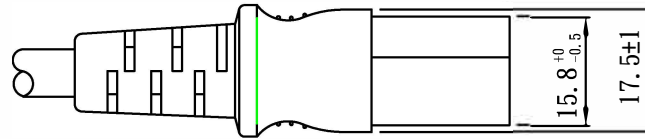
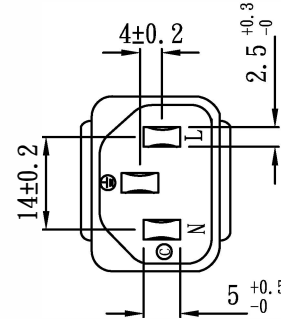
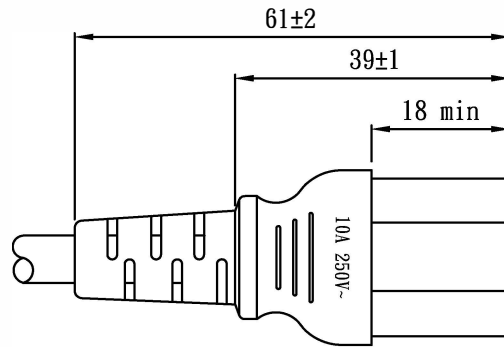


note one: production of year. (must be changed every year)  
 note two: production of month point (must be changed every month)

TOLERANCE >0±0.30 >1.0±0.50 >10.0±1.0 >20.0±2.0 Angle: ±1°	APPROVED		DATE					
	CHECKED		DATE					
	DRAWN		DATE		CUSTOMER			
	TYPE	YP-61A			P/N			
	DRAWING NO.		REV	B	SCALE	1:1	UNIT	mm



NSW22012



TOLERANCE >0±0.30 >1.0±0.50 >10.0±1.0 >20.0±2.0 Angle: ±1°	APPROVED		DATE					
	CHECKED		DATE					
	DRAWN		DATE		CUSTOMER			
	TYPE	YC-12			P/N			
	DRAWING NO.		REV	B	SCALE	P. V. C	UNIT	mm

CUSTOMER

P/N  
MATERIAL

P. V. C

UNIT

mm

SCALE

1:1



# SPECIFICATION

	Style	PVC FLEXIBLE CORDS	Document No
2019.04.16			
Edition	Size	<b>H05VV-F 3G 1.0mm<sup>2</sup></b>	Page
A			1/2

1. Standard: IEC 227 IEC228

2. Construction & Dimension

	Item	Specification
Conductor	Size	3G 1.0mm <sup>2</sup>
	Material	Annealed Bare Copper
	Construction	32/ $\phi$ 0.202±0.005
Insulation	Material	PVC
	Minimum Average Thickness	0.60mm
	Minimum Thickness at any point	0.48mm
	Diameter	2.50 ± 0.10
	Identification	Blue,Brown,Green/Yellow
Core Assembly	Core Twist	3-Core
	Filler	NA
	Assembly Pair	NA
Taping	Mylar Foil	NA
Shielded	A1-Mylar Foil	NA
Drain	Material	NA
	Construction	NA
Jacket	Material	NA
	Minimum Average Thickness	0.8mm
	Minimum Thickness at any point	0.58mm
	Overall Diameter(Approx)	7.0± 0.15
	Color	BLACK

## Marking:

H05VV-F 3G 1.0mm

<sup>2</sup> <VDE> NF-USE 1347  KEMA-KEUR  CEBEC <OVE>

     IEMMEQU SAA-190646-EA  A004049 60227 IEC 53(RVV) 300/500V  SU01027-4002

# SPECIFICATION

	Style	PVC FLEXIBLE CORDS	Document No
2019.04.16			
Edition	Size	<b>H05VV-F 3G 1.0mm<sup>2</sup></b>	Page
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## 4. Electrical & Physical Properties

Item	Specification		
Rating Voltage	70°C 300/500V		
Conductor resistance(AT 20°C)	19.5Ω/Km MAX		
Insulation Resistance(AT 70°C)	0.010MΩ/Km Min		
Dielectric Strength	AC 2.0 KV / 15 min No Break		
Spark Test	5.0KV		
Insulation	Unaged	Tensile Strength	1.02 kgf/mm <sup>2</sup> min
		Elongation	150% Min
	Aged	Tensile Strength	80~120% (80°C x168hrs)
		Elongation	80~120% (80°C x168hrs)
	Loss of mass Test		2.0mg/cm <sup>2</sup> (max)
Jacket	Unaged	Tensile Strength	1.02 kgf/mm <sup>2</sup> min
		Elongation	150% Min
	Aged	Tensile Strength	80~120% (80°C x168hrs)
		Elongation	80~120% (80°C x168hrs)
	Loss of mass Test		2.0mg/cm <sup>2</sup> (max)
Deformation Test		70±4°C X 1hr ≤ 50%	
Cold Bend Test		-15°C x 4hr No Crack	
Heat Shock Test		150±2°C x 1hr No Crack	

### Graph:

