

**RoHS
Compliant**



Description

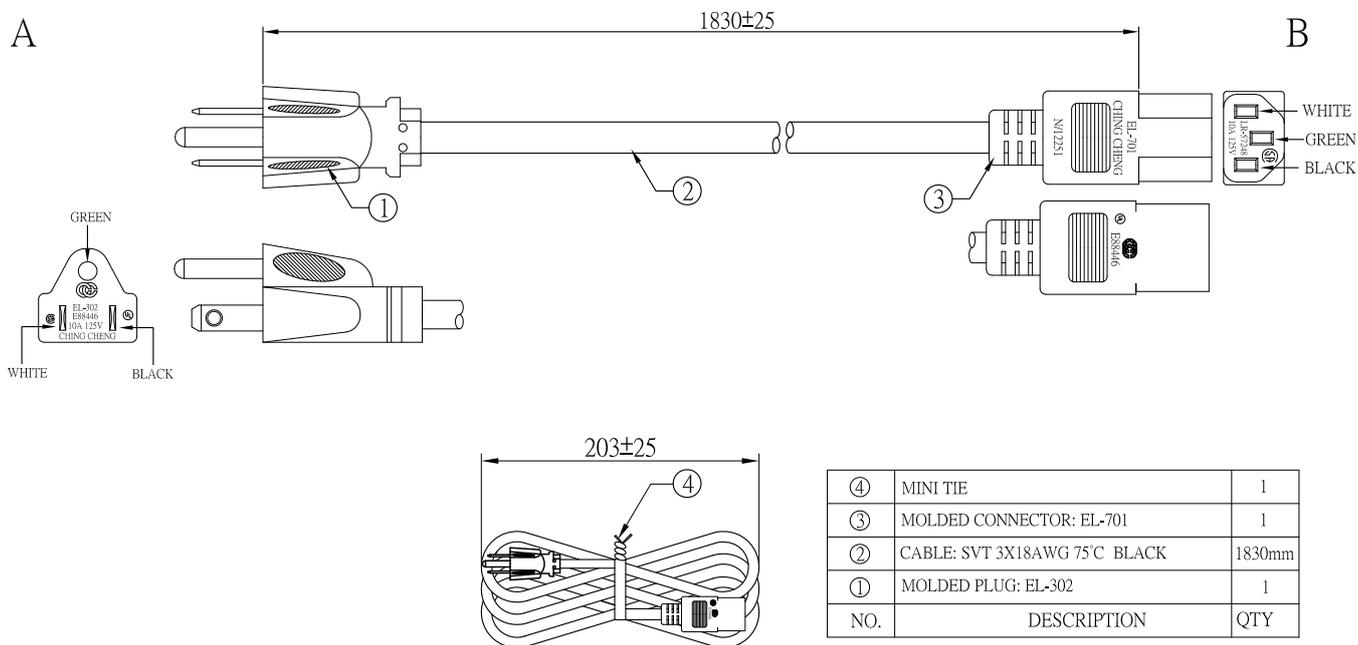
- Mains Power Cord: 125V AC / 10A
- Plug Standart: NEMA5-15P
- Connector Standart: IEC/EN 60320/C13
- Overall Length: 1830 mm

General Specifications

FLEXIBLE CORD	SVT 18/3C	
AMPERE RATING(A)	10A	
VOLTAGE RATING(V)	300/300 V AC	
TEMP RATING	75°C UL/60°C CSA	
NO. OF CORE (COLOR OF CORE)	3(WHITE, GREEN, BLACK)	
CONDUCTOR	NOMINAL(AWG)	18
	CONSTRUCTION (pcs/mm)	41/DIA 0.16+/-0.008
	MATERIAL	BARE COPPER
INSULATION	MEAN VALUE OF THICKNESS(mm)	0.38
	MIN.THICKNESS AT ANY POIT (mm)	0.33
	NOMINAL OVERALL DLAMETER(mm)	DIA 2.10± 0.10
	MATERIAL	PVC
SHEATH	MEAN VALUE OF THICKNESS(mm)	0.76
	MIN.THICKNESS AT ANY POIT (mm)	0.61
	NOMINAL OVERALL DLAMETER(mm)	DIA 6.3±0.20
	MATERIAL	PVC

Drawing

Dimensions in mm



NOTE:

- 1.THE CABLE SHALL COMPLY WITH UL 62.
- 2.THE MOLDED PLUG SHALL COMPLY WITH NEMA 5-15P.
- 3.THE MOLDED CONNECTOR SHALL COMPLY WITH IEC/EN 60320/C13
- 4.THE RATING OF WHOLE CABLE :MAX.10A 125V.

PRODUCT SPECIFICATIONS

3. PHYSICAL LABORATORY TEST OF CORD:

3.1: CONDUCTOR RESISTANCE: LESS THAN 22.4 OHM/Km AT 20 °C.

3.2: INSULATION RESISTANCE: NOT LESS THAN 0.762 M Ω /Km AT 20 °C.

3.3: DIELECTRIC STRENGTH

3.3.1 IN THE AIR (20±5 °C): 3 KV/0.15s.

3.3.2 IN THE WATER (20±5 °C): 1.5KV/15 min.

3.4: TENSILE STRENGTH AND ELONGATION OF INSULATION

3.5: HEAT SHOCK

3.5.1 NO CRACK ON THE SURFACE OF INSULATION AND SHEATH WHICH WAS WOUND A SPECIFIED MANDREL, AFTER BEING SUBJECTED TO A TEMP: 121±2CX1 H.

3.6: LOW TEMPERATURE TEST

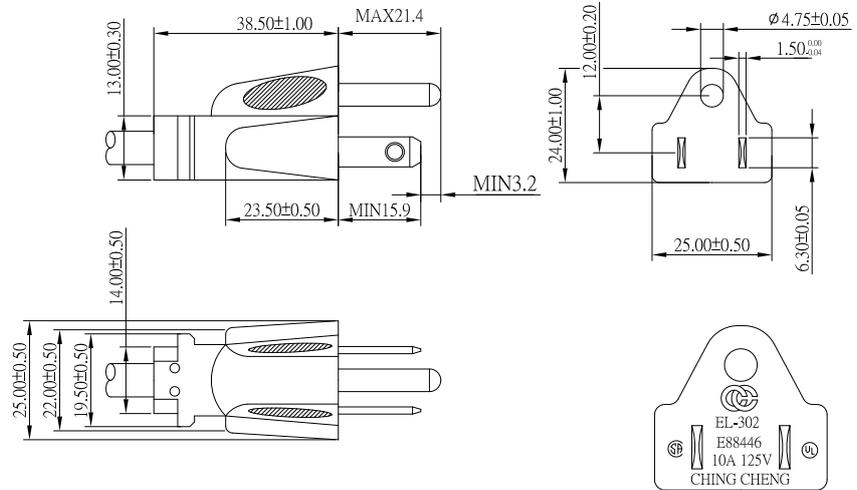
3.6.1 SPECIMEN SHALL NOT SHOW ANY CRACK WHEN WOUND TO THE SPECIFIED MANDREL AFTER BEING SUBJECTED TO A TEMP: - 20 ±2 °CX4H.

3.7: DEFORMATION TEST

3.7.1 THICKNESS OF INSULATION OR SHEATH SHALL NOT DECREASE MORE THAN 50% OF ORIGINAL WHEN THE SPECIMEN IS SUBJECTED IN AN OVEN AT 121±2 CX1 H UNDER THE SPECIFIED WEIGHT HAVING PRESSURE FOOT 0.7mm WIDE RECTANGLE.

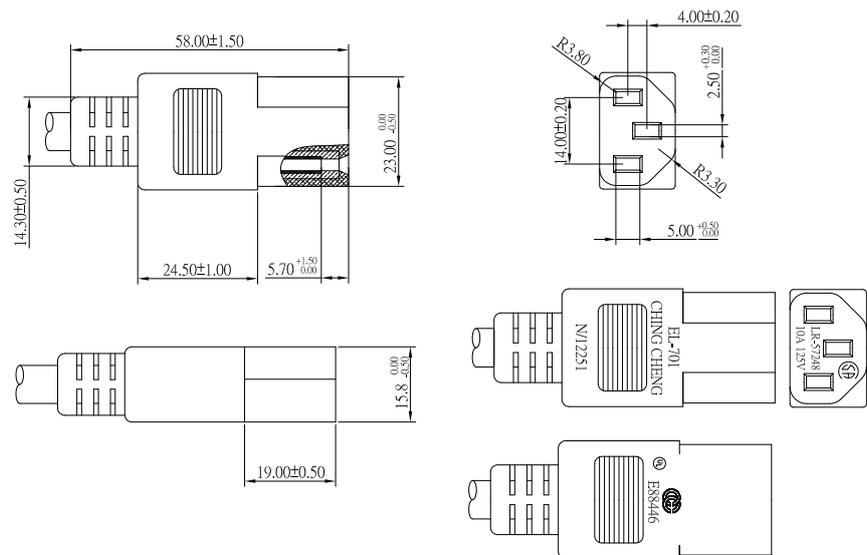
Drawing Plug

Dimensions in mm



Drawing Connector

Dimensions in mm



Part Number Table

Description	Part Number
Mains Power Cord, 125VAC/10A, NEMA5-15P to IEC/EN 60320/C13	3271V86

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