

Mains Power Cord

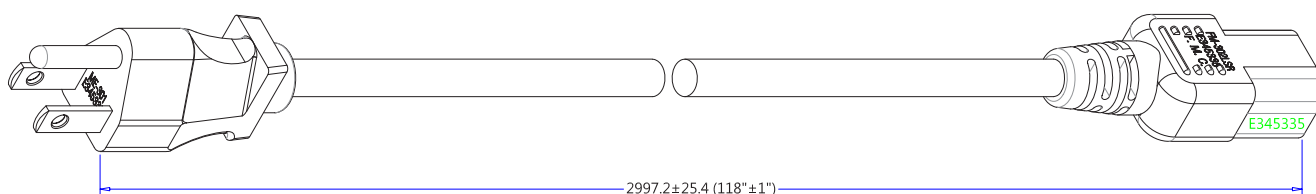
NEMA 5-15P to IEC60320-C13

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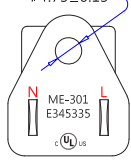
**RoHS
Compliant**



Dimensions : Millimetres



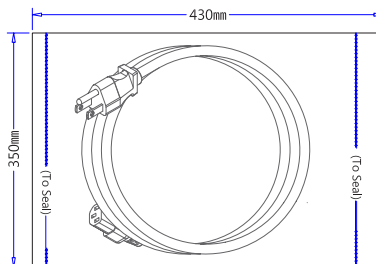
Earth Ground (Green)
ø4.75±0.15



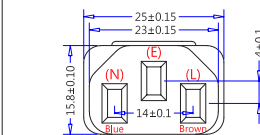
ME-301 (NEMA 5-15P)
(Dimensions of Plug Face)

PVC Insulation Thickness 0.78(>0.70mm)
Overall Diameter 3.05±0.10mm
Copper Conductor 65/0.160±0.005mm
Resistance (@20°C Max.) : 13.7Ω/km
PVC Jacket Thickness 0.78mm(>0.70mm)
Overall Diameter 8.5±0.2mm

SJT 16AWGx3C
(Wire Cross-Section)



(T/0.08cm)
(Insert Into a Clear Plastic Bag)



FM-302LSR (IEC 60320, C13, 13A 125V~)
(Dimensions of Connector Face)

Plug Component			Plug Component (Dimension)		
Colour	Component	Qty	Strip	ROJ	Colour
35P Black	ME-301 (Nema 5-15P)	1	6 +1/-0	22±2	Brown (L)
Nickel-plated	ø4.75 GEM 98475ABS-1 (#14-#18) Earth Pins Terminal	1	6 +1/-0	22±2	Green (N)
Nickel-plated	6.3×1.5 (#16-18) GEM 98675BBS-1 (Solid Blades)	2	6 +1/-0	22±2	Green-Yellow (E)
Black	GA 301-B21 (Nema 5-15P Inner body)	1			

Connector Component			Connector Component (Dimensions)		
(Instruction)	Qty.	Colour	ROJ	Strip	Colour
FM-302LSR (IEC 60320, C13, 13A 125V)	1	35P (Black)	16±1	5 +1/-0	Brown (L)
2.0 × 4.0 GEM 98740BS-0 (#16-18) (Receptacle Terminal)	3	(Brass-Natural)	16±1	5 +1/-0	Green (N)
GA005-5 (2.0 × 4.0 Serial Housing)	1	(Off-White)	16±1	5 +1/-0	Green-Yellow (E)

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Note

- 1, Hi-Pot Test : 1500V/1Sec; <0.5mA.
- 2, Continuity & Polarization Test : No short circuit, break circuit displacement.
- 3, Conductor Secureness Test : ≥ 18 AWG 20lb; ≤ 18 AWG 8lb; 1min.
- 4, Each end terminal shall be capable of withstanding a pull of #1820lb, #1630lb, #1450lb, #1270lb, #1080lb for 1min. without loosening.
- 5, Strain relief shall be Capable of withstanding a pull of ≤ 18 AWG 20lb; ≥ 18 AWG 30lb; 1min. without loosening.
- 6, All material according to Non-toxic standard.

Part Number Table

Description	Part Number
Mains Power Cord, NEMA 5-15P to IEC60320-C13, 13A, 125V, Black, 9.8ft	MP005981

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