

## MEMO

**Date:** 10/5/00  
**To:** TO WHOM IT MAY CONCERN  
**From:** **Randy Collier, Comp-Utility Corporation**  
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**Subject:** **Part Numbers for Receptacles**

In the electrical industry, the National Electrical Manufacturers Association (NEMA) sets certain standards. With respect to plugs and receptacles, NEMA developed the following scheme (L5-20R is used as the example):

**L** = Indicates a locking plug

**5** = indicates voltage, where:

1 = 125V, 2-pole, 2-wire

2 = 250V, 2-pole, 2-wire

5 = 125V, 2-pole, 3-wire (Grounded)

6 = 250V, 2-pole, 3-wire (Grounded)

7 = 277V, 2-pole, 3-wire (Grounded)

10 = 125V/250V, 3-pole, 3-wire

11 = 250V, 3-phase, 3-pole, 3-wire

14 = 125V/250V, 3-pole, 4-wire (Grounded)

15 = 250V, 3-phase, 3-pole, 4-wire (Grounded)

18 = 120V/208V, 4-pole, 4-wire (Grounded)

**20** = Amperage rating, in this case 20 Amps

**R** = Mounting configuration, where:

P = Plug (for line cords)

R = Box-mounted receptacle or outlet

C = Connector (for line cords)

Manufacturers use part numbers that may differ from this convention, but they all reference the NEMA numbers in their catalogs. For instance, according to a local supplier, the part numbers for an L5-20R are:

- 1) Arrowhart: 6200
- 2) Pass & Seymour: L5-20R
- 3) Hubbell: 2310A

Charts are available at electrical supply houses that show the various types of plugs available.