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| REVISIONS |        |                        |         |          |
|-----------|--------|------------------------|---------|----------|
| SYM       | ECN    | DESCRIPTION            | DATE    | APPROVED |
| A         | HK2447 | RELEASED TO PRODUCTION | 1/07/03 | Y.M.LEE  |
| B         | HK#    | ADD CHOP OF ROHS       | 1/22/07 | IP       |

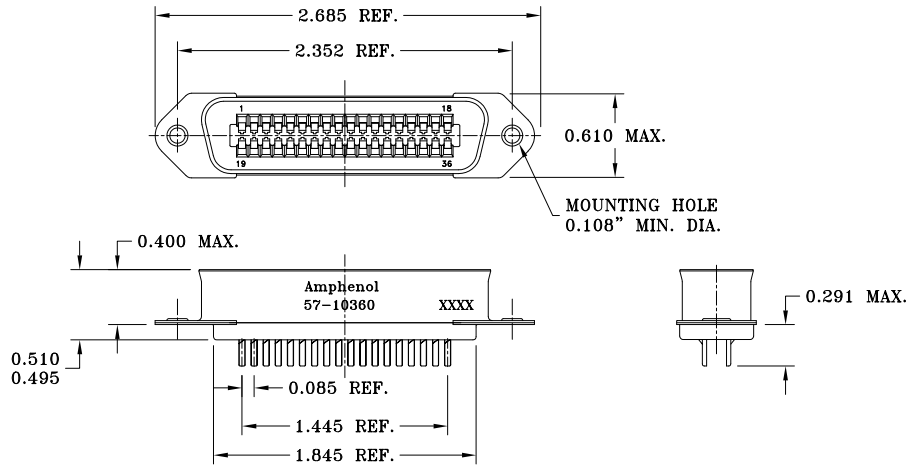


TABLE 1

| CONNECTOR SIZES | AVERAGE MATING FORCE (POUNDS) |
|-----------------|-------------------------------|
| 14              | 5                             |
| 24              | 8                             |
| 36              | 12                            |
| 50              | 15                            |
| 64              | 19                            |

**SPECIFICATIONS:**

- 1) SOLDER CUP CONTACT: TO ACCOMMODATE 22-30 AWG SOLID AND 24-30 STRANDED CONNECTOR WIRES.
- 2) DIELECTRIC: DIALYL-PHTHALATE PER MIL-M-14F TYPE MDG UL-94V0
- 3) CONTACT MATERIAL: COPPER ALLOY
- 4) CONTACT: 20 MICRO-INCHES MIN. GOLD MATING AREA: 3-5 MICRO-INCHES GOLD TERMINAL AREA: 50 MICRO-INCHES MIN. NICKEL UNDERPLATING ALL OVER.
- 5) SHELL MATERIAL: ZINC PLATED STEEL WITH CLEAR CHROMATE COATING
- 6) CURRENT CAPACITY: 5 AMPS/CONTACT
- 7) VOLTAGE RATING: 700 VOLTS D.C. AT SEA LEVEL  
200 VOLTS D.C. AT 70,000 FEET
- 8) INSULATION RESISTANCE: >5000 M OHM
- 9) DIELECTRIC WITHSTANDING VOLTAGE: 1200 VAC (RMS) AT SEA LEVEL
- 10) CONNECTOR MATING FORCE: REFER TO TABLE 1.

- 11) CONTACT RETENTION FORCE: 2 LBS MAX.
- 12) DURABILITY: 250 CYCLES MIN.
- 13) VIBRATION: NO INTERRUPTIONS < 1u SEC.
- 14) OPERATING TEMPERATURE: -55°C TO +105°C (-67°F TO +221°F)
- 15) MATERIAL SHOULD BE FULFILLED AMPHENOL SPEC# SSN001.

**CUSTOMER INFORMATION DRAWING**



| ITEM NO   | NOMENCLATURE OR DESCRIPTION | QTY REQ'D   |
|---|-----------------------------|---|
| PARTS LIST  |                             |   |
| <b>Amphenol</b><br>UNLESS OTHERWISE SPECIFIED<br>TOLERANCES<br>U.S. METRIC<br>.X +/- .015<br>.XX +/- .010<br>.XXX +/- .005<br>FRACTIONS +/-<br>ANGLES +/- 1°<br>FOR MATERIALS AND FINISHES<br>SEE NOTES<br>REMOVE SHARP EDGES<br>DIMENSIONS<br>U.S. INCHES<br>(METRIC) (MM) |                             | APPROVAL DATE<br>DRAWN VS.GUO 1/22/07<br>CHECKED<br>CHECKED<br>DRAWING FILE:<br>DRAWING: 67/CS710360.DWG<br>ANGLE OF PROJECTION<br> |
| TITLE: 36 SIZE PLUG ASSY, RACK & PANEL MINIATURE RIBBON   |                             |   |
| SIZE: A3  | DRAWING NO. C57-10360       | REV. B  |
| SCALE: NONE   | SHEET 1 OF 1                |   |