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REVISIONS

| SYM | ECN | DESCRIPTION      | DATE    | APPROVED |
|-----|-----|------------------|---------|----------|
| A   | HK  | INITIAL RELEASE  | 3/26/01 | Y.M.LEE  |
| B   | HK  | ADD CHOP OF ROHS | 3/28/06 | IP       |

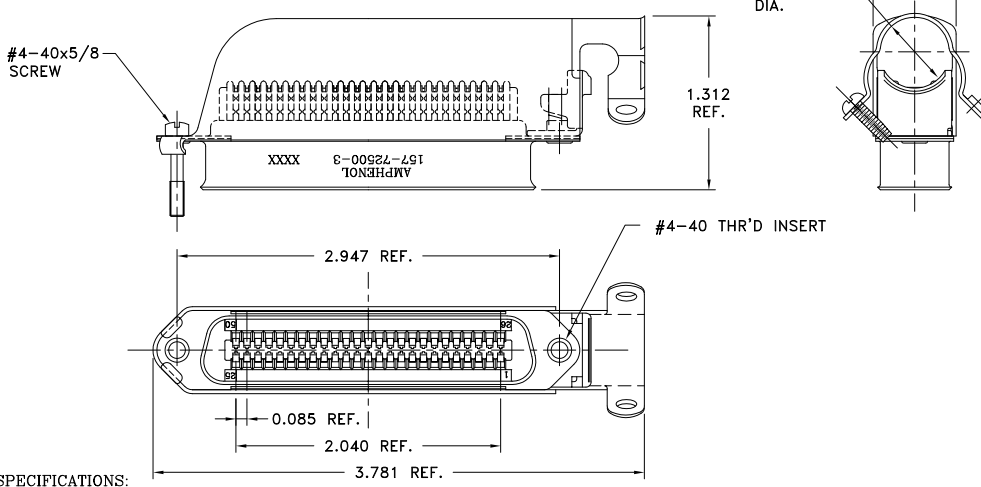


TABLE 1

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

SPECIFICATIONS:

- 1) INSULATION DISPLACEMENT CONTACTS: TO ACCOMMODATE 24-26 AWG SOLID AND 26-28 STRANDED CONNECTOR WIRES.
- 2) DIELECTRIC: PBT GLASS FIBER RE-INFORCED, 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)

CUSTOMER INFORMATION DRAWING

| ITEM NO  | PART OR IDENTIFICATION NO | NOMENCLATURE OR DESCRIPTION | QTY REQ'D                      |
|--|---------------------------|-----------------------------|--------------------------------|
| PARTS LIST   |                           |                             |                                |
| UNLESS OTHERWISE SPECIFIED TOLERANCES  |                           | APPROVAL DATE               | Amphenol                       |
| U.S. METRIC  |                           | DRAWN JS.GUO 3/28/06        |                                |
| X +/- 0.020<br>.XX +/- 0.010<br>.XXX +/- 0.005<br>FRACTIONS +/-<br>ANGLES +/- 1' |                           | CHECKED                     |                                |
| FOR MATERIALS AND FINISHES SEE NOTES   |                           | CHECKED                     |                                |
| REMOVE SHARP EDGES   |                           | DRAWING FILE :              | TITLE 50 CONTACT PLUG ASSEMBLY |
| DIMENSIONS   |                           | ANGLE OF PROJECTION         | RUNNING CABLE 1-26 END         |
| U.S. INCHES  |                           |                             | 26 & 26 AWG WIRE, DUST COVER   |
| -(METRIC) -(MM)  |                           |                             | SIZE DRAWING NO.               |
|  |                           | A3 C157-72500-3             | B                              |
|  |                           | SCALE NONE                  | SHEET 1 OF 1                   |