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REVISIONS

| SYM | ECN | DESCRIPTION                                                 | DATE    | APPROVED |
|-----|-----|-------------------------------------------------------------|---------|----------|
| 1   | HK  | PRELIMINARY RELEASE                                         | 3/31/06 | IP       |
| 2   | HK  | Updated description                                         | 4/20/06 | IP       |
| 3   | HK  | Screw4-40x5/8" to 4-40x1/2"<br>Add 0.677 REF and 0.281 REF. | 2/10/07 | IP       |
| 4   | HK  | Screw4-40x5/8" to 4-40x3/8                                  | 5/7/07  | IP       |

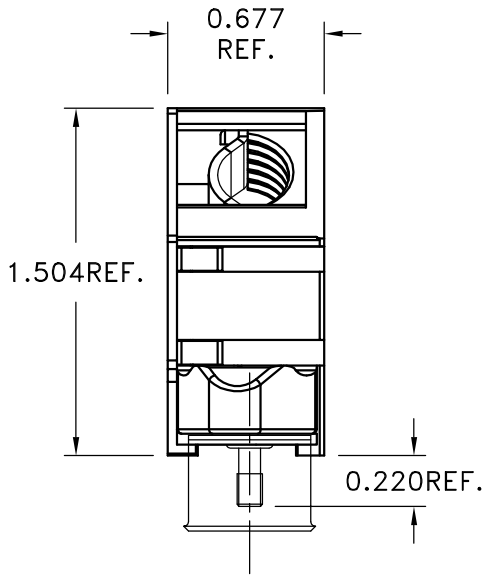
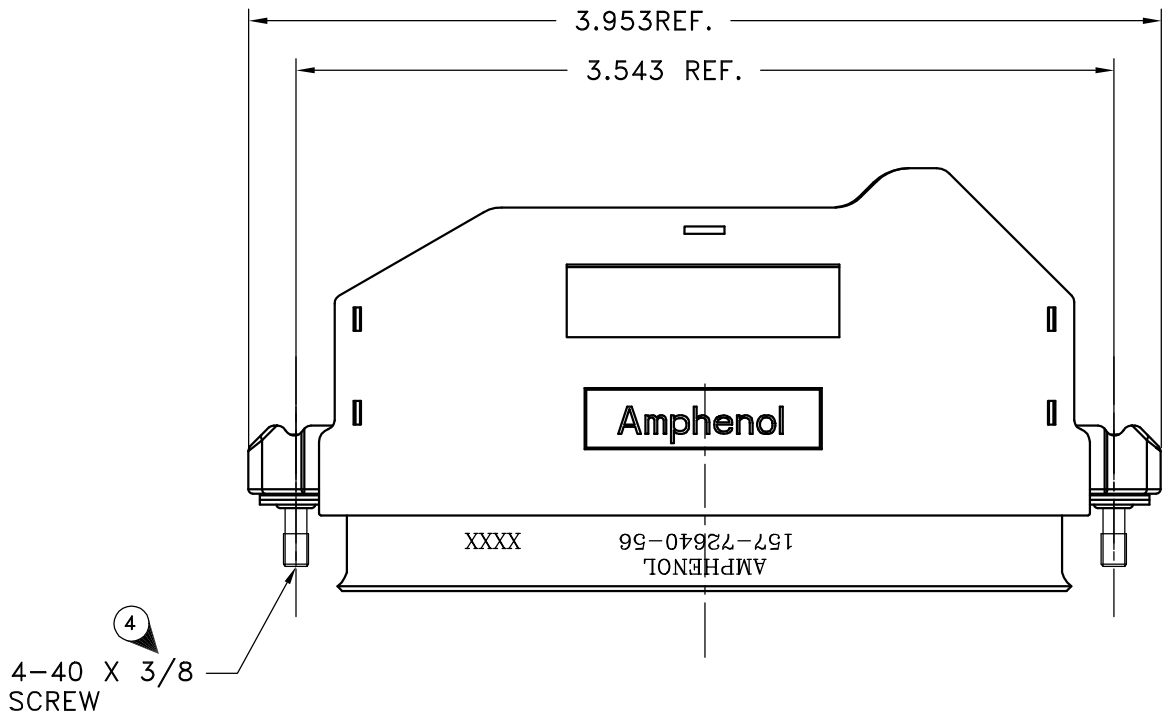


TABLE 1

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

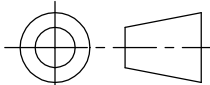
SPECIFICATIONS:

- 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.
- 6) #4-40 SCREW MATERIAL: ZINC PLATED STEEL ; HOOD MATERIAL :PBT GLASS FIBER
- 7) CURRENT CAPACITY: 5 AMPS/CONTACT
- 8) VOLTAGE RATING: 700 VOLTS D.C. AT SEA LEVEL
- 9) INSULATION RESISTANCE: >5000 M OHM



- 10) DIELECTRIC WITHSTANDING VOLTAGE: 1200 VAC (RMS) AT SEA LEVEL
- 11) CONNECTOR MATING FORCE: REFER TO TABLE 1.
- 12) CONTACT RETENTION FORCE: 2 LBS MAX.
- 13) DURABILITY: 250 CYCLES MIN.
- 14) VIBRATION: NO INTERRUPTIONS < 1u SEC.
- 15) OPERATING TEMPERATURE: -55°C TO +105°C (-67°F TO +221°F)
- 16) MATERIAL SHOULD BE FULFILLED AMPHENOL SPEC. # SSN001.

CUSTOMER INFORMATION DRAWING

| ITEM NO                                                                                                                                                                                                                                                                                                                 |  | NOMENCLATURE OR DESCRIPTION                                                           |        |                                                          | QTY REQ'D     |          |      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--------|----------------------------------------------------------|---------------|----------|------|
| PARTS LIST                                                                                                                                                                                                                                                                                                              |  |                                                                                       |        |                                                          |               |          |      |
| UNLESS OTHERWISE SPECIFIED TOLERANCES<br>U.S. METRIC<br><br>.X    +/-    .020<br>.XX   +/-    .010<br>.XXX +/-    .005<br>FRACTIONS +/-<br>ANGLES +/-    1°<br><br>FOR MATERIALS AND FINISHES SEE NOTES<br><br>REMOVE SHARP EDGES<br><br>DIMENSIONS<br><br>U.S.                  INCHES<br><br>-(METRIC)-        -(MM)- |  | APPROVAL                                                                              |        | DATE                                                     |               | Amphenol |      |
|                                                                                                                                                                                                                                                                                                                         |  | DRAWN                                                                                 | XS.GUO | 5/7/07                                                   |               |          |      |
|                                                                                                                                                                                                                                                                                                                         |  | CHECKED                                                                               |        |                                                          |               |          |      |
|                                                                                                                                                                                                                                                                                                                         |  | CHECKED                                                                               |        |                                                          |               |          |      |
|                                                                                                                                                                                                                                                                                                                         |  | DRAWING FILE:                                                                         |        | TITLE<br><br>64 SIZE PLUG ASS'Y, 4-40 SCREW PLASTIC HOOD |               |          |      |
|                                                                                                                                                                                                                                                                                                                         |  | \DRAWING\157\C1577264056.DWG                                                          |        |                                                          |               |          |      |
|                                                                                                                                                                                                                                                                                                                         |  | ANGLE OF PROJECTION                                                                   |        |                                                          |               |          |      |
|                                                                                                                                                                                                                                                                                                                         |  |  |        |                                                          |               |          |      |
|                                                                                                                                                                                                                                                                                                                         |  |                                                                                       |        | SIZE                                                     | DRAWING NO.   |          | REV. |
|                                                                                                                                                                                                                                                                                                                         |  |                                                                                       |        | A3                                                       | C157-72640-56 |          | 4    |
|                                                                                                                                                                                                                                                                                                                         |  | SCALE                                                                                 | NONE   |                                                          | SHEET 1 OF 1  |          |      |

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