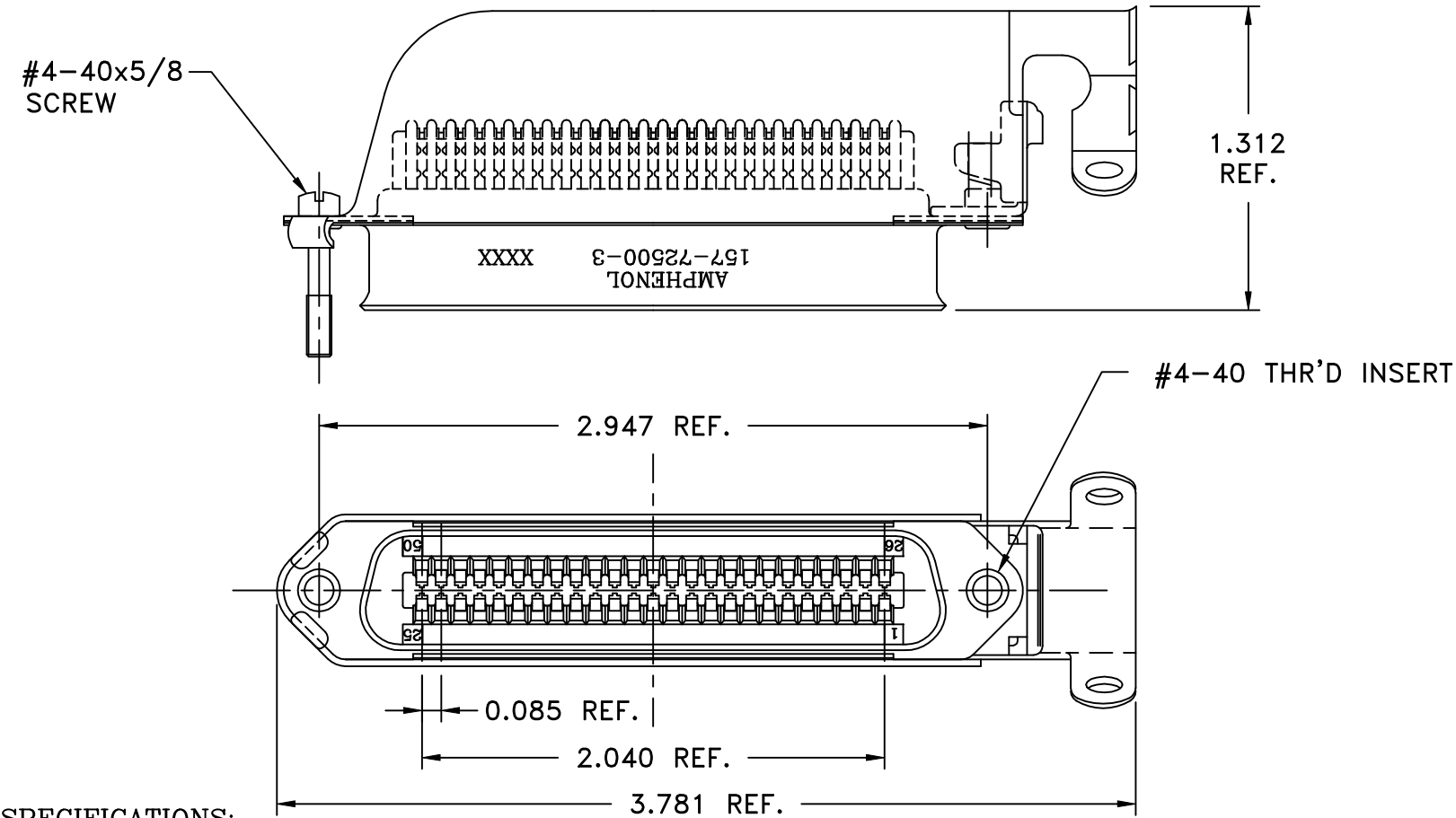


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| REVISIONS | | | | |
|-----------|-----|-----------------|---------|----------|
| SYM | ECN | DESCRIPTION | DATE | APPROVED |
| A | HK | INITIAL RELEASE | 3/26/01 | Y.M.LEE |

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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)

TABLE 1

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

CUSTOMER INFORMATION DRAWING

| ITEM NO | PART OR IDENTIFICATION NO | NOMENCLATURE OR DESCRIPTION | QTY REQ'D |
|---------------------------------------|---------------------------|--|-------------------------|
| PARTS LIST | | | |
| UNLESS OTHERWISE SPECIFIED TOLERANCES | | APPROVAL | DATE |
| U.S. METRIC | | DRAWN Y.M. LEE | 03/26/01 |
| .X +/- 0.020 | | CHECKED Y.M. LEE | 03/26/01 |
| .XX +/- 0.010 | | CHECKED | |
| .XXX +/- 0.005 | | DRAWING FILE : \DRAWING\157\C157725003.DWG | |
| FRACTIONS +/- | | Amphenol Amphenol East Asia Limited Manufacturing Operation | |
| ANGLES +/- 1° | | | |
| FOR MATERIALS AND FINISHES SEE NOTES | | TITLE 50 CONTACT PLUG ASSEMBLY RUNNING CABLE 1-26 END 28 & 26 AWG WIRE, DUST COVER | |
| REMOVE SHARP EDGES | | ANGLE OF PROJECTION | SIZE DRAWING NO. REV. |
| DIMENSIONS | | | A3 C157-72500-3 A |
| U.S. | INCHES | | SCALE NONE SHEET 1 OF 1 |
| -(METRIC)- | -(MM)- | | |

4 3 2 1