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| REVISIONS |     |                  |          |          |
|-----------|-----|------------------|----------|----------|
| SYM       | ECN | DESCRIPTION      | DATE     | APPROVED |
| A         | HK  | INITIAL RELEASE  | 06/10/02 | Y.M.LEE  |
| B         | HK# | ADD CHOP OF ROHS | 2/04/06  | IP       |

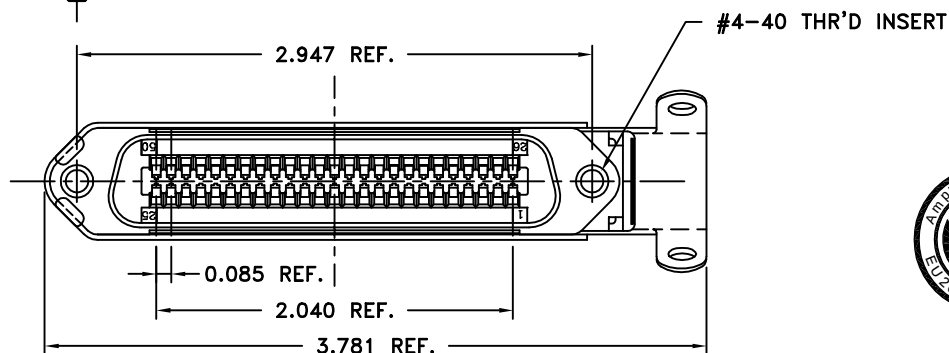
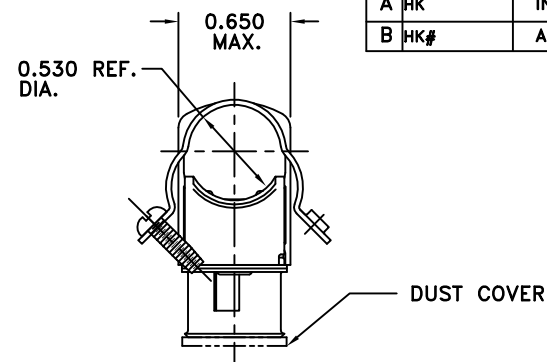
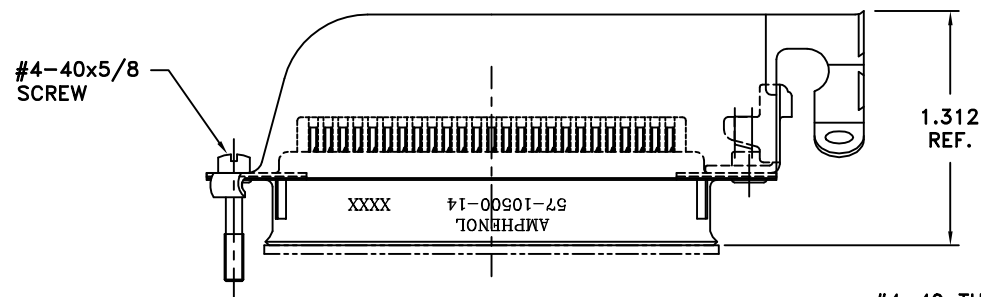


TABLE 1

| 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)

CUSTOMER INFORMATION DRAWING

|                                                                                                                                                                                                                                                                           |  |                           |  |                             |  |                                                                                                                                                                                                                                                 |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------|--|-----------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| ITEM NO                                                                                                                                                                                                                                                                   |  | PART OR IDENTIFICATION NO |  | NOMENCLATURE OR DESCRIPTION |  | QTY REQ'D                                                                                                                                                                                                                                       |  |
| PARTS LIST                                                                                                                                                                                                                                                                |  |                           |  |                             |  |                                                                                                                                                                                                                                                 |  |
| UNLESS OTHERWISE SPECIFIED TOLERANCES<br>U.S. METRIC<br><br>.X +/- 0.020<br>.XX +/- 0.010<br>.XXX +/- 0.005<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>(METRIC) (MM) |  | APPROVAL                  |  | DATE                        |  | Amphenol<br><br>Amphenol East Asia Limited<br>Manufacturing Operation<br><br>TITLE 50 CONTACT PLUG ASSEMBLY<br>RUNNING CABLE 1-26 END<br>HIGH BARRIER, DUST COVER<br><br>SIZE DRAWING NO. A3 C57-10500-14 REV. B<br><br>SCALE NONE SHEET 1 OF 1 |  |
|                                                                                                                                                                                                                                                                           |  | DRAWN XS.GUO              |  | 2/04/06                     |  |                                                                                                                                                                                                                                                 |  |
|                                                                                                                                                                                                                                                                           |  | CHECKED                   |  |                             |  |                                                                                                                                                                                                                                                 |  |
|                                                                                                                                                                                                                                                                           |  | CHECKED                   |  |                             |  |                                                                                                                                                                                                                                                 |  |
|                                                                                                                                                                                                                                                                           |  | DRAWING FILE :            |  | \DRAWING\157\C571050014.DWG |  |                                                                                                                                                                                                                                                 |  |