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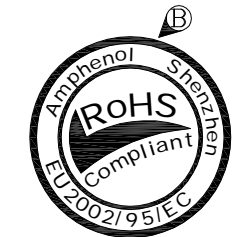
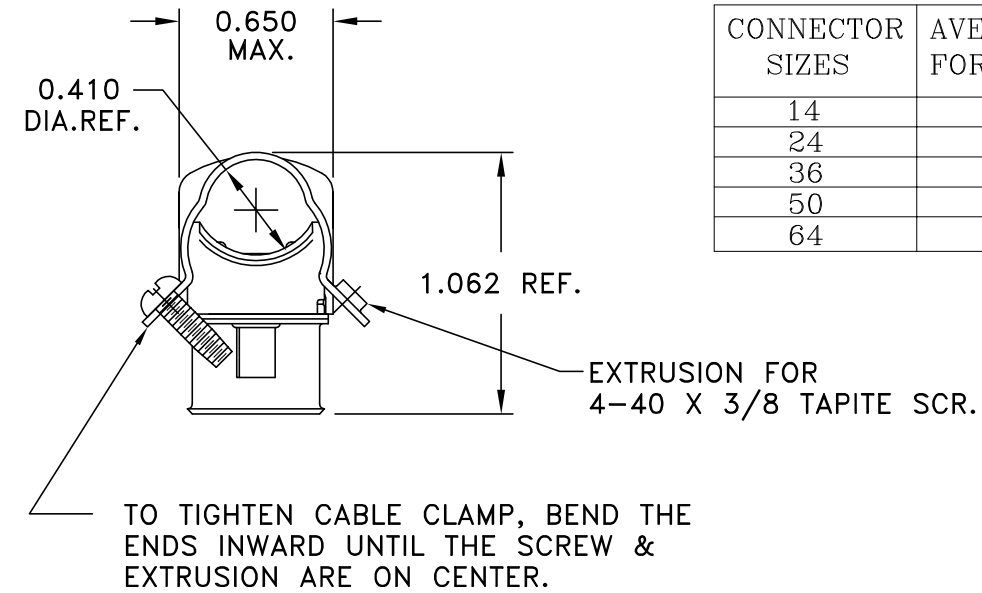
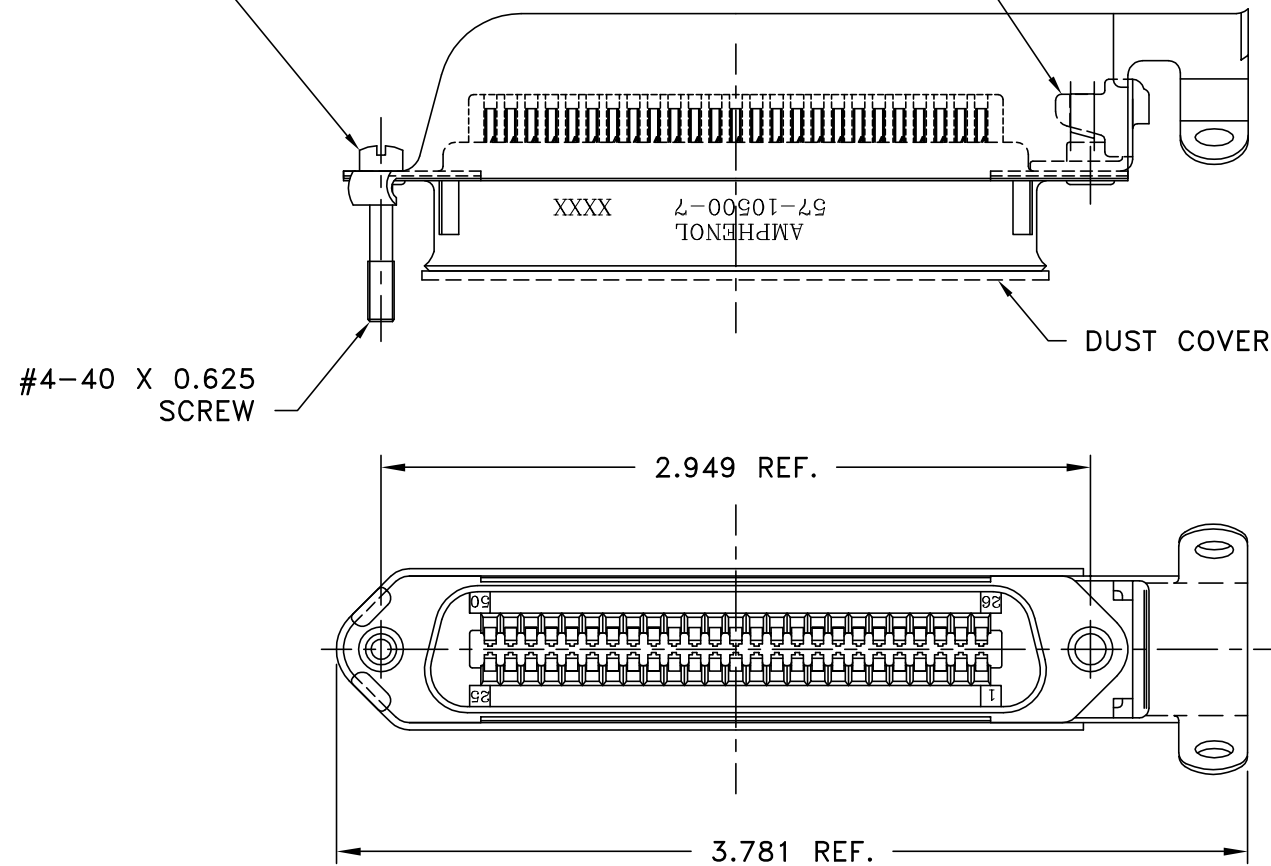
| REVISIONS | | | | |
|-----------|-----|------------------|----------|----------|
| SYM | ECN | DESCRIPTION | DATE | APPROVED |
| A | HK | INITIAL RELEASE | 01/08/03 | Y.M.LEE |
| B | HK | ADD CHOP OF ROHS | 2/15/06 | Y.M.LEE |

PUT THE LATCHING SCREW THRU. THE HOLE ON LEFT END OF CONNECTOR. THE SCREW HOLDS THE SHELLS TOGETHER & IS RETAINED BY THREADS IN THE HOOD.

TO ASSEMBLE CONNECTOR, SLIDE THE HOOD (FROM LEFT TO RIGHT ON ILLUSTRATION) IN SUCH A MANNER THAT THE 2 TABS OF THE BRACKET ENTER THE SLOTS OF THE HOOD.

TABLE 1

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



- 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) METAL HOOD, SCREWS AND DUST COVER ARE SHIPPED LOOSE IN BULK PACK.
- 16) CONNECTOR ASSEMBLED FOR ILLUSTRATION ONLY.

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.

CUSTOMER INFORMATION DRAWING

| ITEM NO | PART OR IDENTIFICATION NO | NOMENCLATURE OR DESCRIPTION | QTY REQ'D |
|---------------------------------------|---------------------------|-----------------------------|-------------|
| PARTS LIST | | | |
| UNLESS OTHERWISE SPECIFIED TOLERANCES | | APPROVAL | DATE |
| | | DRAWN XS.GUO | 2/15/06 |
| .X +/- 0.020 | | CHECKED | |
| .XX +/- 0.010 | | CHECKED | |
| .XXX +/- 0.005 | | | |
| FRACTIONS +/- | | DRAWING FILE : | |
| ANGLES +/- 1° | | \DRAWING\57\C57105007.DWG | |
| FOR MATERIALS AND FINISHES SEE NOTES | | ANGLE OF PROJECTION | |
| REMOVE SHARP EDGES | | | |
| DIMENSIONS | | | |
| U.S. | INCHES | | |
| -(METRIC)- | -(MM)- | | |
| | | SIZE | DRAWING NO. |
| | | A3 | C57-10500-7 |
| | | SCALE | NONE |
| | | SHEET 1 OF 1 | |

Amphenol

TITLE 50 CONTACT PLUG ASSEMBLY
RUNNING CABLE 1-26 END
HIGH BARRIER, DUST COVER

REV. B