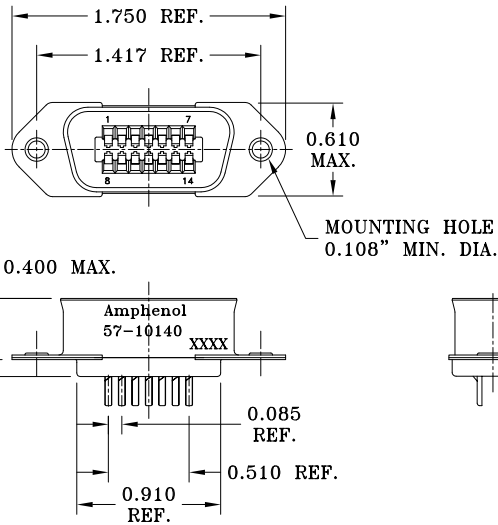


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| REVISIONS | | | | |
|-----------|-----|----------------------|----------|----------|
| SYM | ECN | DESCRIPTION | DATE | APPROVED |
| A | HK | RELEASED TO CUSTOMER | 11/21/02 | Y.M.LEE |
| B | HK | ADD CHOP OF ROHS | 5/19/06 | IP |

TABLE 1

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

SPECIFICATIONS:

- SOLDER CUP CONTACT: TO ACCOMMODATE 22-30 AWG SOLID AND 24-30 STRANDED CONNECTOR WIRES.
- DIELECTRIC: DIALLY-PHTHALATE PER MIL-M-14F TYPE MDG UL-94V0
- CONTACT MATERIAL: COPPER ALLOY
- CONTACT: 20 MICRO-INCHES MIN. GOLD MATING AREA: 3-5 MICRO-INCHES GOLD TERMINAL AREA: 50 MICRO-INCHES MIN. NICKEL UNDERPLATING ALL OVER.
- SHELL MATERIAL: ZINC PLATED STEEL WITH CLEAR CHROMATE COATING
- CURRENT CAPACITY: 5 AMPS/CONTACT
- VOLTAGE RATING: 700 VOLTS D.C. AT SEA LEVEL
200 VOLTS D.C. AT 70,000 FEET
- INSULATION RESISTANCE: >5000 M OHM
- DIELECTRIC WITHSTANDING VOLTAGE: 1200 VAC (RMS) AT SEA LEVEL
- CONNECTOR MATING FORCE: REFER TO TABLE 1.

- CONTACT RETENTION FORCE: 2 LBS MAX.
- DURABILITY: 250 CYCLES MIN.
- VIBRATION: NO INTERRUPTIONS < 1u SEC.
- OPERATING TEMPERATURE: -55°C TO +105°C (-67°F TO +221°F)

CUSTOMER INFORMATION DRAWING

| ITEM NO | NOMENCLATURE OR DESCRIPTION | QTY | REV'D |
|---------------------------------------|-----------------------------|--|---------|
| PARTS LIST | | | |
| UNLESS OTHERWISE SPECIFIED TOLERANCES | | APPROVAL | DATE |
| U.S. METRIC | | DRAWN | KS.GUO |
| | | CHECKED | 5/19/06 |
| X +/- .015 | | CHECKED | |
| XX +/- .010 | | | |
| XXX +/- .005 | | | |
| FRACTIONS +/- 1* | | | |
| ANGLES +/- 1* | | | |
| FOR MATERIALS AND FINISHES SEE NOTES | | DRAWING FILE: \DRAWING\57\C5710140REV7A.DWG | |
| REMOVE SHARP EDGES | | ANGLE OF PROJECTION | |
| DIMENSIONS | | | |
| U.S. | DINCHES | | |
| (METRIC) | (MM) | TITLE: 14 SIZE PLUG ASSY, RACK & PANEL MINIATURE RIBBON SIZE: A3 DRAWING NO.: C57-10140 SCALE: NONE SHEET 1 OF 1 | |