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| REVISIONS | | | | |
|-----------|-----|---------------------|---------|----------|
| SYM | ECN | DESCRIPTION | DATE | APPROVED |
| A | EK# | PRELIMINARY RELEASE | 3/26/03 | Y.M.LEE |
| B | EK# | ADD CHOP OF ROHS | 8/2/06 | IP |

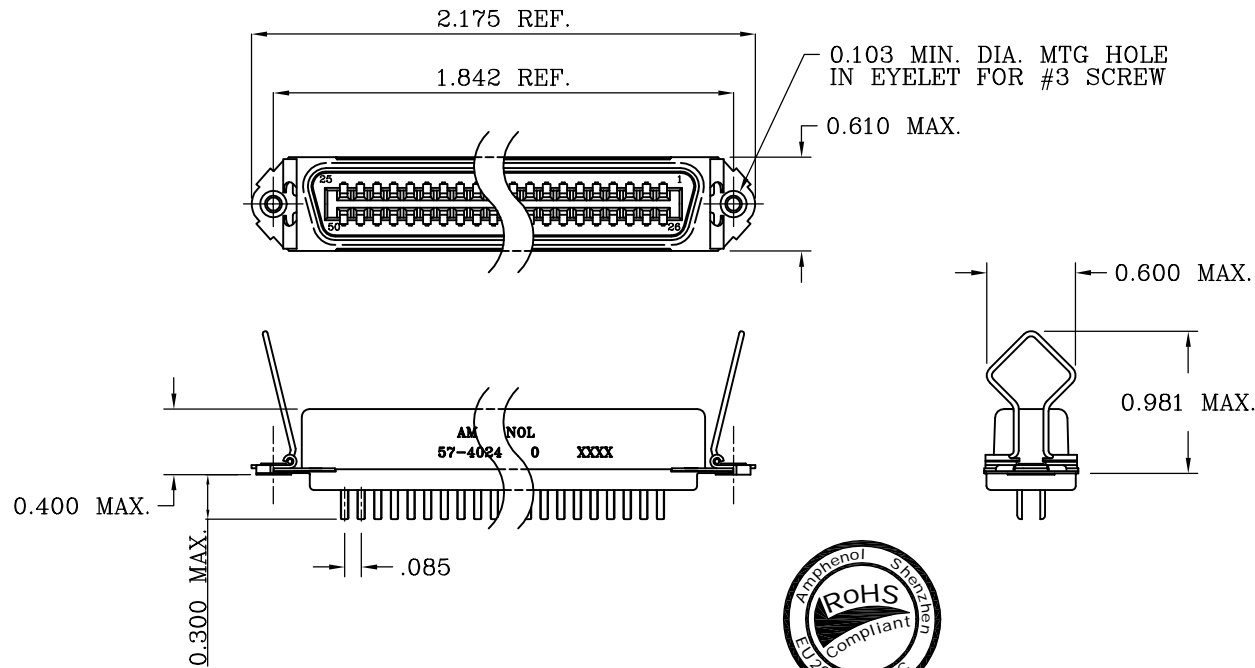


TABLE 1

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

SPECIFICATIONS:

- 1) SOLDER CONTACT: SOLDER CUP CONTACT TO ACCOMMODATE 22-30 AWG SOLID & 24-30 STRANDED CONNECTOR WIRES.
- 2) DIELECTRIC: DIALLY-PHTHALATE PER MIL-M-14F TYPE MDG UL-94V0
- 3) CONTACT MATERIAL: COPPER ALLOY
- 4) CONTACT: 20 MICRO-INCHES MIN. GOLD MATING AREA, GOLD FLASH ON TAIL. 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)
- 15) MATERIAL SHOULD FULFILLED AMPHENOL SPEC.# SSN001

CUSTOMER INFORMATION DRAWING

| ITEM NO | PART OR IDENTIFICATION NO | NOMENCLATURE OR DESCRIPTION | QTY REQ'D |
|---------------------------------------|---------------------------|---|-----------|
| PARTS LIST | | | |
| UNLESS OTHERWISE SPECIFIED TOLERANCES | | APPROVAL | DATE |
| .X +/- 0.20 | | DRAWN ES.GUO | 8/2/06 |
| .XX +/- 0.10 | | CHECKED | |
| .XXX +/- 0.05 | | CHECKED | |
| FRACTIONS +/- | | DRAWING FILE : /DRAWING/57/CS740240.DWG | |
| ANGLES +/- 1° | | TITLE | |
| FOR MATERIALS AND FINISHES SEE NOTES | | 24 CONTACT RECEPTACLE ASS'Y MINIATURE RIBBON, SPRING LATCH | |
| REMOVE SHARP EDGES | | SIZE DRAWING NO. | |
| DIMENSIONS | | A3 C57-40240 | |
| U.S. INCHES | | REV. B | |
| -(METRIC)- (MM)- | | SCALE NONE SHEET 1 OF 1 | |