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| REVISIONS | | | | |
|-----------|--------|------------------------|---------|----------|
| SYM | ECN | DESCRIPTION | DATE | APPROVED |
| A | HK2447 | RELEASED TO PRODUCTION | 1/07/03 | Y.M.LEE |
| B | HK# | ADD CHOP OF ROHS | 1/22/07 | IP |

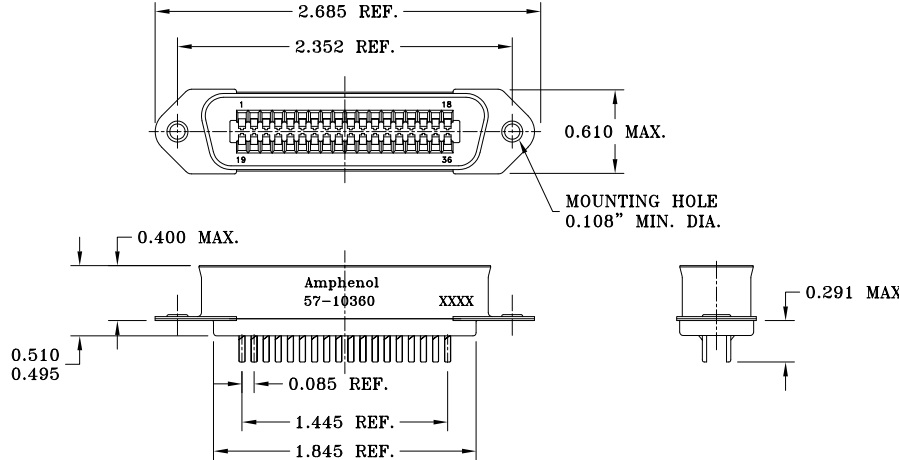


TABLE 1

| 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)
- 15) MATERIAL SHOULD BE FULFILLED AMPHENOL SPEC# SSN001.

CUSTOMER INFORMATION DRAWING



| ITEM NO | NOMENCLATURE OR DESCRIPTION | QTY REQ'D | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-----------------------------|--|---------------|-------|--------------------|--------------------------|--|-------------|---------------------|------------------|-------------|---------|--------------|--------------|--|------------|---------------|--|--|------------------|--|--|---------------|--|--|-------------------|
| PARTS LIST | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| UNLESS OTHERWISE SPECIFIED | APPROVAL | DATE | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | REV. B | | | | | | | | | | | | | | | | | | | | | | | | |
| | | SHEET 1 OF 1 | | | | | | | | | | | | | | | | | | | | | | | | |