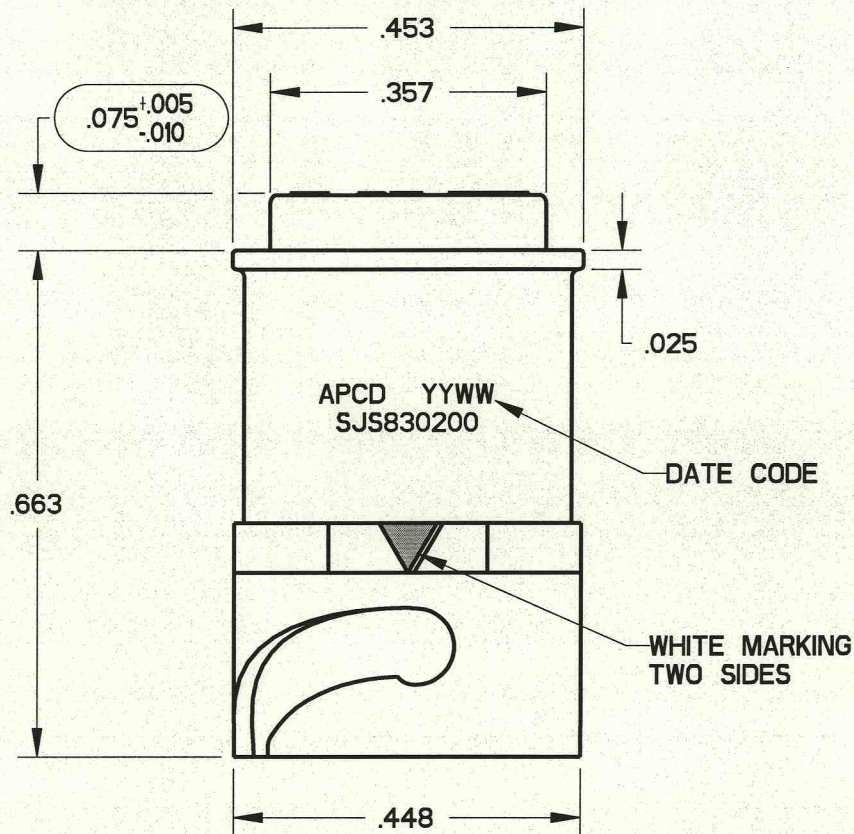
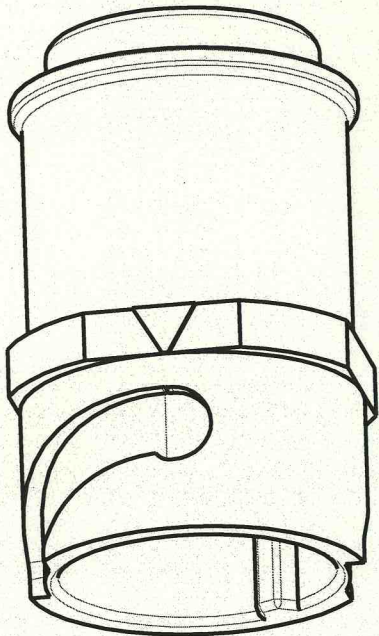
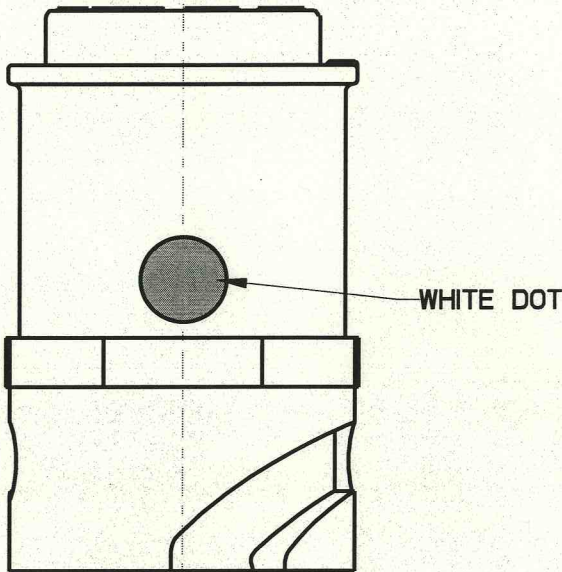
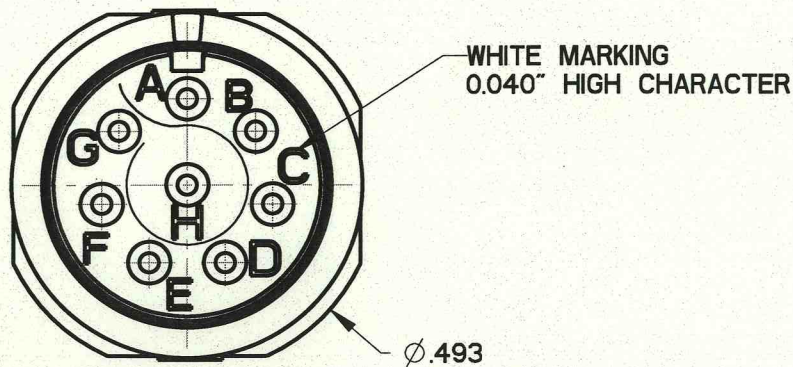


| REV | ECN  | APP'D       |
|-----|------|-------------|
| -   | 6253 | JT 8/6/08   |
| A   | 6297 | JT 1/14/09  |
| B   | 6431 | JT 10/28/09 |



| TEST                    | REQUIREMENT                                                                                  | TEST METHOD MIL-STD-1344<br>(SUPERSEDED BY EIA 364) |
|-------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------|
| OPERATING TEMP.         | - 65° TO + 125° C                                                                            | N/A                                                 |
| CONTACT RESISTANCE      | .020 OHMS MAXIMUM                                                                            | *3004 (EIA-364-6)                                   |
| DIELECTRIC WITHSTANDING | 1000 VRMS, 60Hz * SEA LEVEL<br>300 VRMS, 60Hz * 70,000 FEET<br>300 VRMS, 60Hz * 100,000 FEET | *3001 (EIA-364-20)                                  |
| INSULATION RESISTANCE   | 5000 MEGAOHMS MINIMUM<br>* 500 VDC                                                           | *3003 (EIA-364-21)                                  |
| DURABILITY              | 500 MATING CYCLES                                                                            | MIL-DTL-55302 4.5.9                                 |
| TEMPERATURE CYCLING     | 5 (1) HR CYCLES: -65° C TO +125° C                                                           | *1003 (EIA-364-32)                                  |
| VIBRATION               | 10-2000 Hz, 15G PEAK                                                                         | *2005 (EIA-364-28)                                  |
| SHOCK                   | 100G SAWTOOTH, 6MS                                                                           | *2004 (EIA-364-27)                                  |
| SALT SPRAY              | 5% SALT SPRAY *95° F FOR 48 HRS                                                              | *1001 (EIA-364-26)                                  |
| HUMIDITY                | 10 DAYS * 25° C TO 65° C, 80-90% RH                                                          | *1002 (EIA-364-31)                                  |

- NOTES:
1. MATERIALS:  
HOUSING: PA6/6  
CONTACT RETAINER: STAINLESS STEEL  
GROMMET: SILICONE RUBBER PER A-A-59588
  2. ACCEPTS M39029/58-360 PIN CONTACTS (NOT INCLUDED)
  3. TEST SPECIFICATION REFER TO THE TABLE
  4. PART MATES WITH SJS830100

|                                                          |                                                                                                                              |                |                                                                         |                                       |                         |          |
|----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|----------------|-------------------------------------------------------------------------|---------------------------------------|-------------------------|----------|
| DIMENSIONS<br>ANSI Y14.5M<br>UNITS: INCHES<br>Pro/E FILE | TOLERANCES<br>.XX ±0.01<br>.XXX ±0.005<br>ANGLES ±0.5°                                                                       | PROJECTION<br> | <b>Amphenol Pcd</b><br>SPECIFICATION DRAWING<br>ENGR Frank.Li 07-Oct-08 | TITLE<br>SIZE22 8P RECEPTACLE FOR SJS |                         |          |
| ORIGINAL<br>                                             | THIS DOCUMENT CONTAINS<br>PROPRIETARY INFORMATION WHICH<br>IS THE CONFIDENTIAL PROPERTY<br>OF AMPHENOL PCD INC., BEVERLY, MA |                | CHKD  10/28/09<br>APPD  10/28/09                                        | SIZE<br>B                             | DWG NO.<br>SJS830200_CE | REV<br>B |
|                                                          |                                                                                                                              | CODE: 58982    |                                                                         | SCALE: 4:1                            | SHEET 1 OF 1            |          |