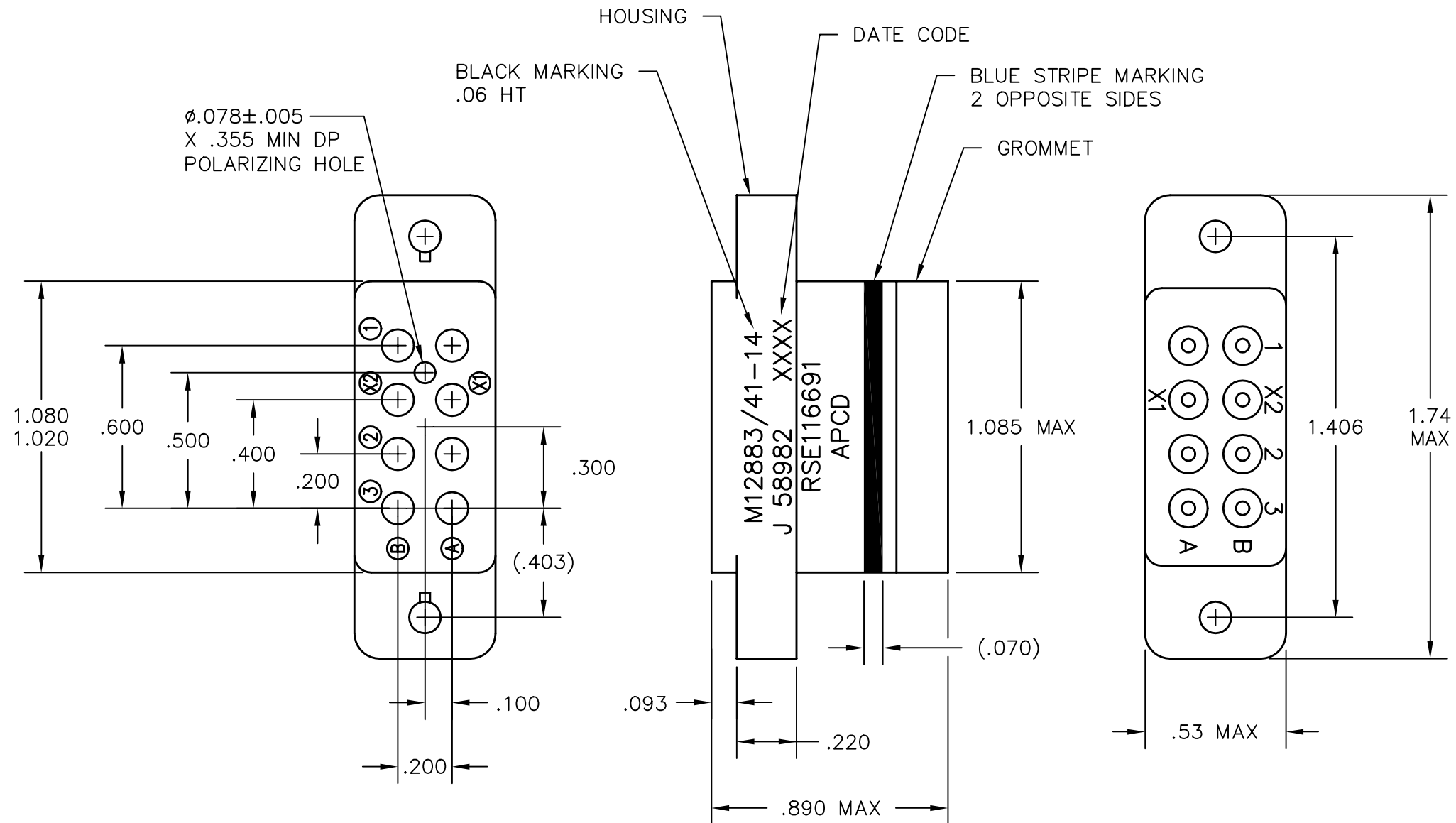
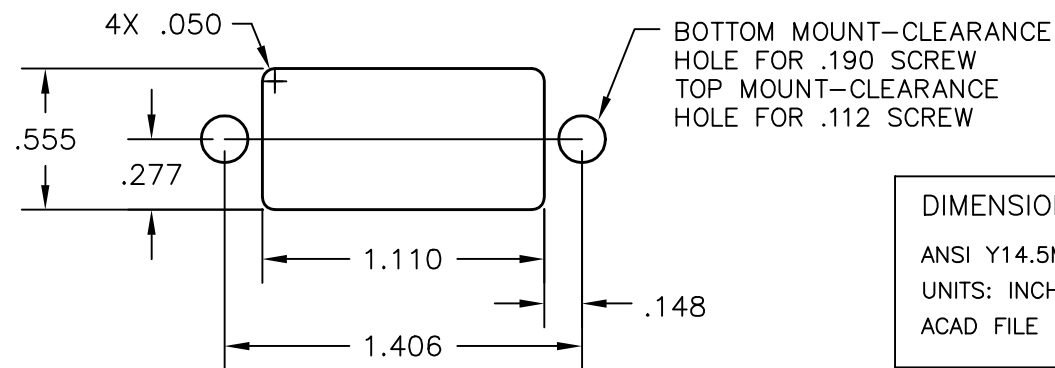




## NOTES:

- PART MEETS REQUIREMENTS PER MIL-PRF-12883.
- MATERIALS:
  - SOCKET BODY: POLYETHERIMIDE PER MIL-P-46184
  - GROMMET: SILICONE RUBBER PER ZZ-R-765
  - HARDWARE: CRES STEEL AND CADMIUM CHROMATE FINISH.
  - CONTACT RETAINERS: BERYLLIUM COPPER
  - SOCKET CONTACTS: COPPER ALLOY, HARD GOLD PLATED PER MIL-G-45204
- OPERATING RANGE:
  - TEMPERATURE: -65°C TO 125°C
  - INSULATION RESISTANCE: 1000 MEGOHMS MIN.
  - DIELECTRIC WITHSTANDING VOLTAGE:
    - 1500 VRMS AT SEA LEVEL,
    - 500 VRMS AT 80,000 FT. ALTITUDE
  - VIBRATION: MIL-STD-202, METHOD 204, TEST CONDITION G
  - SHOCK: MIL-STD-202, METHOD 213, TEST CONDITION C
- PART SUPPLIED WITH MOUNTING HARDWARE.
- PART SUPPLIED WITH CONTACTS PER TABLE BELOW.

| PART NO.  | CONTACTS SUPPLIED      | MARKING   |
|-----------|------------------------|-----------|
| RSE116690 | NONE                   | RSE116691 |
| RSE116691 | 8X 16/20 M39029/92-534 |           |



RECOMMENDED MOUNTING PANEL CUTOUT

|                                                         |                                                                                                                             |                                                                                                     |                                                     |  |                                                                  |                          |           |              |
|---------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------|--|------------------------------------------------------------------|--------------------------|-----------|--------------|
| DIMENSIONS<br>ANSI Y14.5M<br>UNITS: INCHES<br>ACAD FILE | TOLERANCES<br>.XX ±.01<br>.XXX ±.005<br>ANGLES ±2°                                                                          | PROJECTION<br> | <b>Amphenol Pcd</b><br><i>SPECIFICATION DRAWING</i> |  | TITLE<br><br>RELAY SOCKET<br>8 POSITION, SIZE 16<br>M12883/41-14 |                          |           |              |
|                                                         |                                                                                                                             |                                                                                                     | ENGR<br>S. KONDO 9/14/2004                          |  |                                                                  |                          |           |              |
| ORIGINAL                                                | THIS DOCUMENT CONTAINS<br>PROPRIETARY INFORMATION WHICH<br>IS THE CONFIDENTIAL PROPERTY<br>OF AMPHENOL PCD INC. PEABODY, MA |                                                                                                     | CHKD<br>D. GANDHI 9/14/2004                         |  | SIZE<br>B                                                        | DWG NO.<br><br>RSE116690 |           | REV<br>G     |
|                                                         |                                                                                                                             |                                                                                                     | APPD<br>J. TON 9/14/2004                            |  | CODE: 58982                                                      |                          | SCALE: 2X | SHEET 1 OF 1 |

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