**NOTES:**

1. REMOVE ALL BURRS AND SHARP EDGES
2. INSTALL RIVETS IN DIRECTIONS AND LOCATIONS SHOWN
3. INSTALL CAPTIVE FASTENER RECEPTACLE USING 3/32 RIVETS

---

**TABLES:**

<table>
<thead>
<tr>
<th>QTY</th>
<th>DESCRIPTION</th>
<th>PART NUMBER</th>
<th>MANUFACTURER</th>
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<td>1/4-20 Nylock Nut</td>
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<td>VPM-07-001</td>
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---

**INVENTOR:** B. BONNETT 7/15/2008

**POLAR PROJECTS**

**SOCORRO, NM 87801**
NOTES:

- UNLESS OTHERWISE SPECIFIED
- DIMENSIONS ARE IN INCHES

- FOR USE WITH STORM CASE iM2720

- 1°.005.01

- TOLERANCES:
  - ANGLES:
    - 4 PLACE DECIMALS (.XXXX)
    - 3 PLACE DECIMALS (.XXX)
    - 2 PLACES DECIMALS (.XX)
    - 1 PLACE DECIMALS (.X)

- INVENTOR:
  - B. BONNETT 7/15/2008

- DRAWN BY:
  - B. BONNETT 7/15/2008

- DESIGNED BY:
  - B. BONNETT 7/15/2008

- APPROVED BY:
  - B. BONNETT 7/15/2008

- PROJECT:
  - PASSCAL POLAR PROJECTS
  - SOCORRO, NM 87801

- NEXT ASSEMBLY DWG.

- MATERIAL:
  - ALUMINUM SHEET

- TITLE:
  - XPS-03-001A 10 WATT PV MOUNT

- PART NUMBER:
  - PVM-07-001A

- DESCRIPTION:
  - POLAR
PVM-07-003P
MODIFY FROM MCMASTER PN 1581A38
2" ALUMINUM PIANO HINGE

REFERENCE VIEW

PVM-07-004P
MODIFY FROM MCMASTER PN 1581A38
2" ALUMINUM PIANO HINGE

REFERENCE VIEW

NOTES:

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
FINISH:
MATERIAL:

PROJECT
PASSCAL
POLAR PROJECTS
SOCORRO, NM 87801

TITLE

DRAWN BY
DESIGNED BY
APPROVED BY
DATED
REV.
DRAWING
NUMBER
SHEET
NUMBER OF

SCALe
TOLERANCES: ANGLES
4 PLACE DECIMALS (.XXXX)
3 PLACE DECIMALS (.XXX)
2 PLACES DECIMALS (.XX)
1 PLACE DECIMALS (.X)

INVENTOR:
B. BONNETT 7/15/2008

POLAR

1°.005
.01

ALUMINUM SHEET
FOR USE WITH STORM CASE iM2720

XP-10-GEN
10 WATT PV MODULE
FOR USE WITH STORM CASE WATER HEATER

PVM-07-003P
MODIFY FROM MCMASTER PN 1581A38
2" ALUMINUM PIANO HINGE

PVM-07-004P
MODIFY FROM MCMASTER PN 1581A38
2" ALUMINUM PIANO HINGE

REFERENCES:
PVM-07-001A
XPS-03-001A
10 WATT PV MOUNT

INVENTOR:
B. BONNETT 7/15/2008

POLAR

1°.005
.01

ALUMINUM SHEET
FOR USE WITH STORM CASE iM2720

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10 WATT PV MOUNT