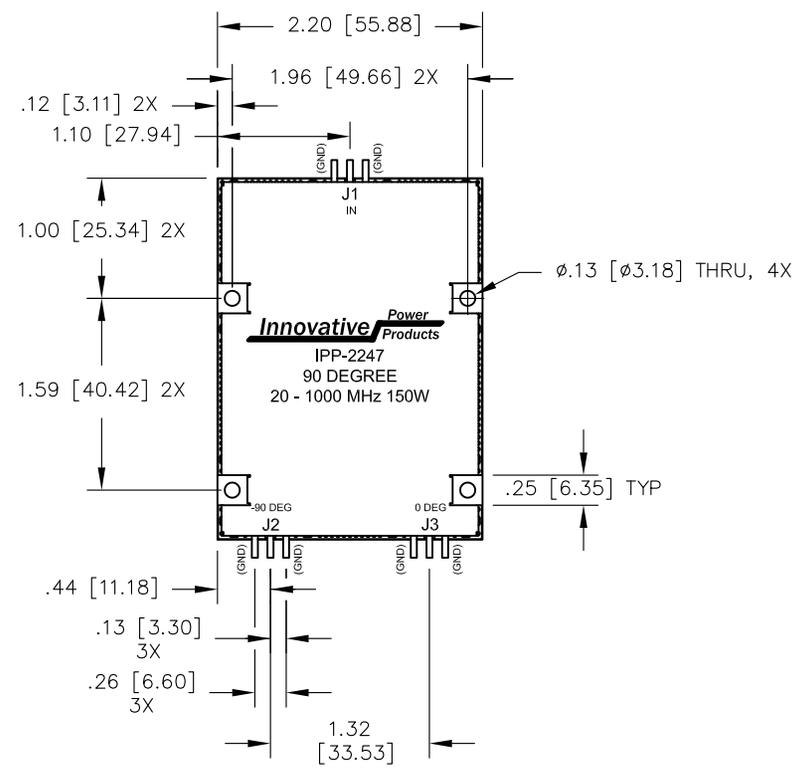
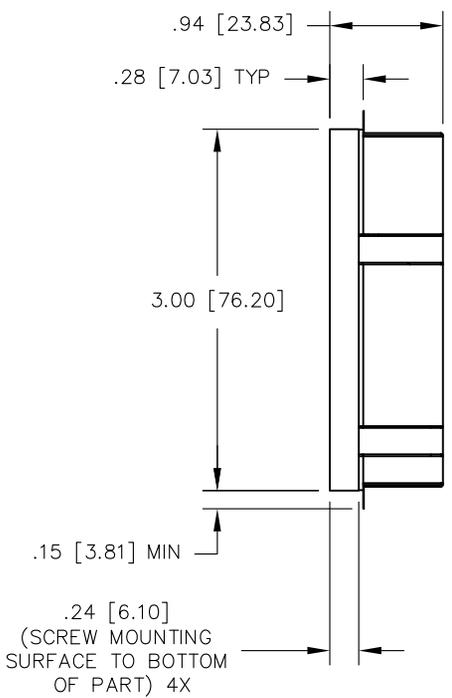


UNAUTHORIZED USE OF THIS  
DRAWING IS STRICTLY PROHIBITED

| DAR  | REV | DESCRIPTION | APPVD | DATE |
|------|-----|-------------|-------|------|
| 5159 | E   | SEE DAR     | DG    | 9-14 |
| 6341 | F   | SEE DAR     | DG    | 7-16 |
| 6390 | G   | SEE DAR     | TJD   | 8-16 |



- NOTES:**
- LEADS: 99.99% PURE SILVER .050 [1.270] X .005 [.127] THICK.
  - DATA AND SPECIFICATIONS APPLY WHEN PART IS MOUNTED IN IPP TEST FIXTURE TF-1152. TEST CONFIGURATION/FOOTPRINT AVAILABLE ON REQUEST.
  - RoHS COMPLIANT.

**ELECTRICAL SPECIFICATIONS**

|                    |                |
|--------------------|----------------|
| FREQUENCY:         | 20 - 1000 MHz. |
| INSERTION LOSS:    | < 0.90 dB      |
| VSWR:              | < 1.3:1        |
| PHASE BALANCE:     | ±12°           |
| AMPLITUDE BALANCE: | ±0.25 dB       |
| POWER:             | 150 WATT       |
| ISOLATION:         | >16 dB         |
| TEMPERATURE:       | -55°C TO +85°C |

**PORT CONFIGURATION**

| INPUT | J1  | J2           | J3         |
|-------|-----|--------------|------------|
| J1    | --- | -3dB<-90 DEG | -3dB<0 DEG |

|  |                  |      |       |   |                                  |
|--|------------------|------|-------|---|----------------------------------|
| MATERIAL<br>AL. ALLOY<br>6061-T651   | DWN              | DG   | DATE  | 6-10  | <b>Innovative Power Products</b> |
|  | ENG              | TJD  | DATE  | 6-10  |                                  |
| FINISH<br>CHEM FILM, CLEAR, PER MIL-DTL-5541, TYPE 2, REV. F, CLASS 3 (ROHS COMPLIANT) | MANUF            | DATE |       | TITLE<br>OUTLINE, COUP., 90°, 20 - 1000 MHz. 150W |                                  |
|  | CAGE CODE: 437R2 |      |       |   | SIZE                             |
| TOLERANCE<br>.XX ±.02<br>.XXX ±.010<br>ANG. ±1/2°                                      | SHEET            | OF   | SCALE | 1:1   | IPP-2247                         |
|  | 1                | 1    |       |   | REV.<br>G                        |