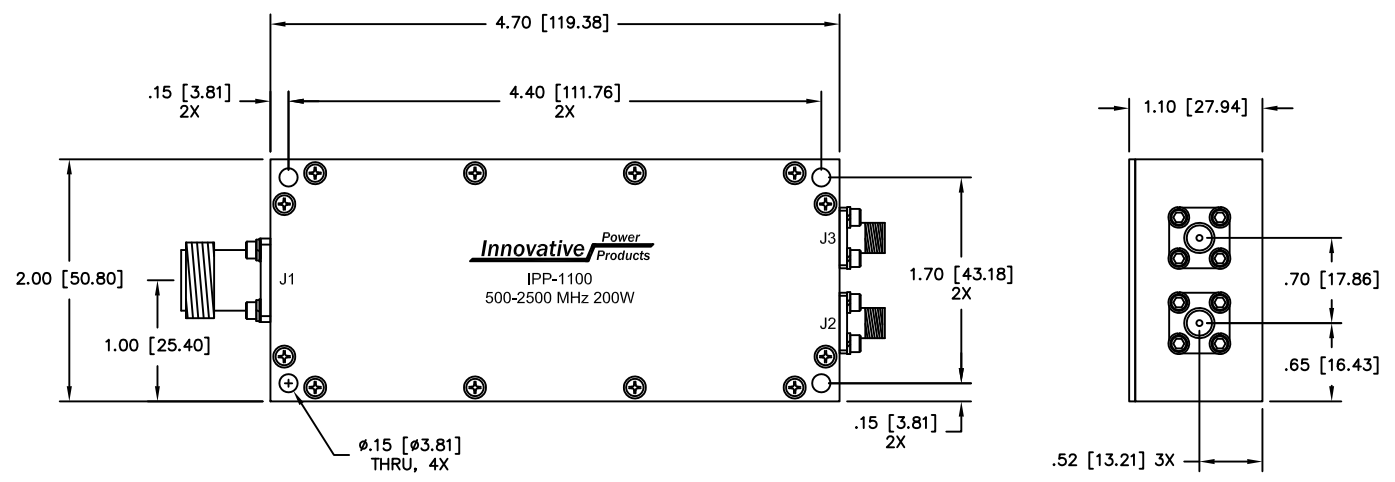


UNAUTHORIZED USE OF THIS  
DRAWING IS STRICTLY PROHIBITED

| DAR  | REV | DESCRIPTION     | APPVD | DATE  |
|------|-----|-----------------|-------|-------|
| 2776 | A   | INITIAL RELEASE | DG    | 11-10 |
| 2847 | B   | SEE DAR         | TJD   | 12-10 |



**NOTES:**  
1. CONNECTORS: J1: N-F  
J2-J3: SMA-F

**ELECTRICAL SPECIFICATIONS**  
 FREQUENCY: 500 – 2500 MHz.  
 INSERTION LOSS: < 0.4 dB  
 VSWR: < 1.30:1  
 AMPLITUDE BALANCE: ± 0.2 dB  
 PHASE BALANCE: ±5°  
 POWER: 200 WATT  
 ISOLATION: > 13 dB  
 TEMPERATURE: -55°C TO +85°C

|   |                  |              |                                  |                 |           |
|---|------------------|--------------|----------------------------------|-----------------|-----------|
| MATERIAL<br>AL. ALLOY<br>6061-T651  | DWN S.Cornell    | DATE 5-10-10 | <b>Innovative Power Products</b> |                 |           |
|   | ENG DG           | DATE 11-10   |                                  |                 |           |
| FINISH ELECTRODEPOSITED<br>NICKEL PER QQ-N-290,<br>.0003 MIN. SEMI-BRIGHT | MANUF            | DATE         | TITLE<br>OUTLINE                 |                 |           |
|   | CAGE CODE: 437R2 |              | 2 - WAY 500 - 2500 MHz 200 WATT  |                 |           |
| TOLERANCE .xxx ±.005 [.127]<br>IN [MM] .xx ±.02 [.50]<br>ANG. ±1/2°       | SHEET OF<br>1 1  | SCALE<br>1:1 | SIZE<br>B                        | P/N<br>IPP-1100 | REV.<br>B |