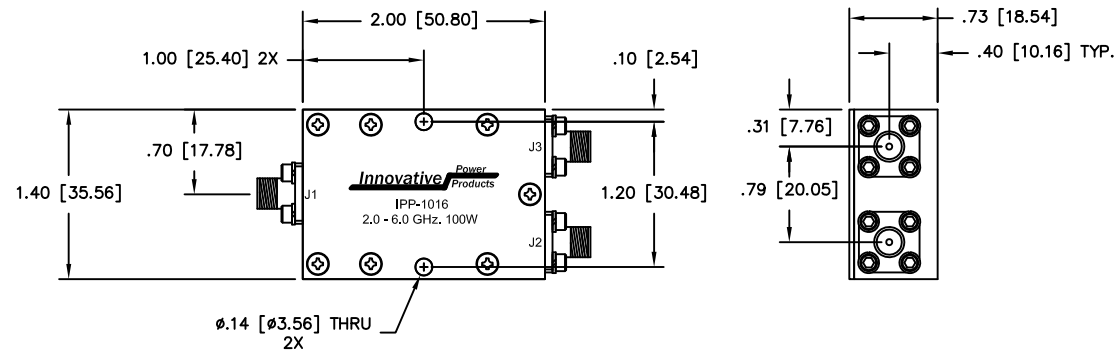


UNAUTHORIZED USE OF THIS  
DRAWING IS STRICTLY PROHIBITED

| DAR  | REV | DESCRIPTION     | APPVD | DATE  |
|------|-----|-----------------|-------|-------|
| 1341 | A   | INITIAL RELEASE | TJD   | 10/07 |
| 2450 | B   | SEE DAR         | DG    | 5-10  |
| 2510 | C   | SEE DAR         | DG    | 5-10  |



NOTES:

1. CONNECTORS: J1-J3: SMA-F

ELECTRICAL SPECIFICATIONS

FREQUENCY: 2.0 - 6.0 GHz.  
INSERTION LOSS: < 0.35 dB  
VSWR: < 1.30:1  
AMPLITUDE BALANCE:  $\pm 0.25$  dB  
PHASE BALANCE:  $\pm 5^\circ$   
POWER: 100 WATT  
ISOLATION: > 12 dB  
TEMPERATURE:  $-55^\circ\text{C}$  TO  $+85^\circ\text{C}$

|                                                                                         |                  |     |            |                                  |          |      |
|-----------------------------------------------------------------------------------------|------------------|-----|------------|----------------------------------|----------|------|
| MATERIAL<br>AL. ALLOY<br>6061-T651                                                      | DWN              | DG  | DATE 10/07 | <b>Innovative Power Products</b> |          |      |
|                                                                                         | ENG              | TJD | DATE 10/07 |                                  |          |      |
| FINISH ELECTRODEPOSITED NICKEL<br>PER QQ-N-290, .0003 MIN.<br>SEMI-BRIGHT               | MANUF            | TP  | DATE 10/07 | TITLE<br>OUTLINE                 |          |      |
|                                                                                         | CAGE CODE: 437R2 |     |            | 2 - WAY 2.0 - 6.0 GHz 100 WATT   |          |      |
| TOLERANCE .xxx $\pm .005$ [.127]<br>IN [MM] .xx $\pm .02$ [.50]<br>ANG. $\pm 1/2^\circ$ | SHEET            | OF  | SCALE      | SIZE                             | P/N      | REV. |
|                                                                                         | 1                | 1   | 1:1        | B                                | IPP-1016 | C    |