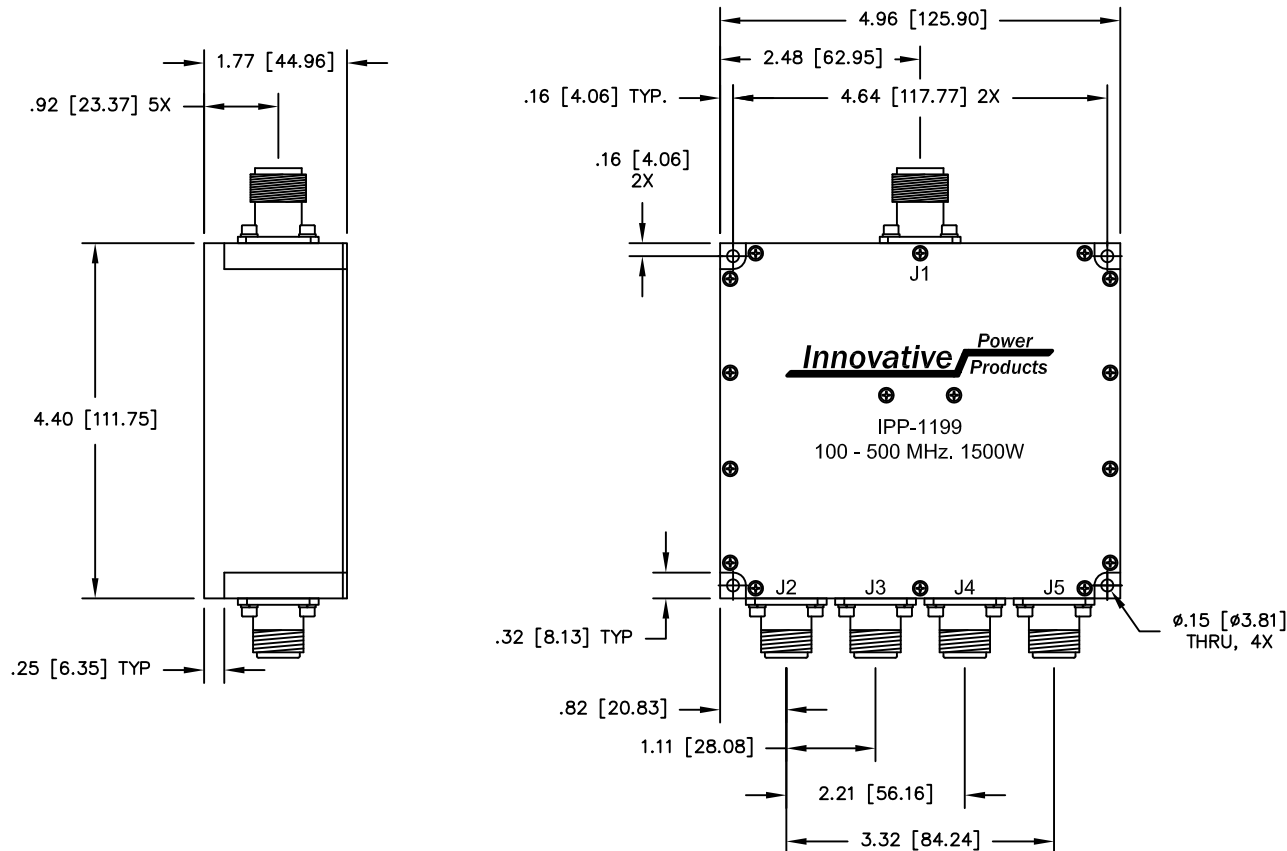


UNAUTHORIZED USE OF THIS  
DRAWING IS STRICTLY PROHIBITED

| DAR  | REV | DESCRIPTION | APPVD | DATE |
|------|-----|-------------|-------|------|
| 3845 | 1   | PRE-RELEASE | DG    | 8-12 |

**PRELIMINARY**  
DIMENSIONS AND SPECIFICATIONS  
ARE SUBJECT TO CHANGE UNTIL  
INITIAL RELEASE OF DRAWING.



**NOTES:**

- CONNECTOR J1: TYPE 'SC' FEMALE.  
CONNECTORS J2 - J5: TYPE 'N' FEMALE.

**ELECTRICAL SPECIFICATIONS**

|                         |                |
|-------------------------|----------------|
| FREQUENCY:              | 100 - 500 MHz. |
| INSERTION LOSS:         | < 0.60 dB      |
| VSWR:                   | < 1.25:1       |
| AMPLITUDE BALANCE:      | ±0.25 dB       |
| PHASE BALANCE:          | ±5°            |
| POWER:                  | 1500 WATT      |
| PORT TO PORT ISOLATION: | >11dB          |
| IMPEDANCE:              | 50 OHMS        |
| TEMPERATURE:            | -55°C TO 85°C  |

|                                                                                      |                  |             |                                                        |        |              |        |
|--------------------------------------------------------------------------------------|------------------|-------------|--------------------------------------------------------|--------|--------------|--------|
| MATERIAL<br>AL. ALLOY<br>6061-T651                                                   | DWN S.Cornell    | DATE 8-9-12 | <div><i>Innovative</i> <i>Power</i><br/>Products</div> |        |              |        |
|                                                                                      | ENG DG           | DATE 8-12   |                                                        |        |              |        |
| FINISH CHEM FILM CLEAR<br>PER MIL-DTL-5541, TYPE 2, REV F,<br>CLASS 3 ROHS COMPLIANT | MANUF            | DATE        | TITLE<br>OUTLINE<br>4 - WAY 100 - 500 MHz 1500 WATT    |        |              |        |
|                                                                                      | CAGE CODE: 437R2 |             |                                                        |        |              |        |
| TOLERANCE .XX ±.02 [.50]<br>IN [MM] .XXX ±.005 [.127]<br>ANG. ±1/2°                  | SHEET 1          | OF 1        | SCALE .66:1                                            | SIZE B | P/N IPP-1199 | REV. 1 |