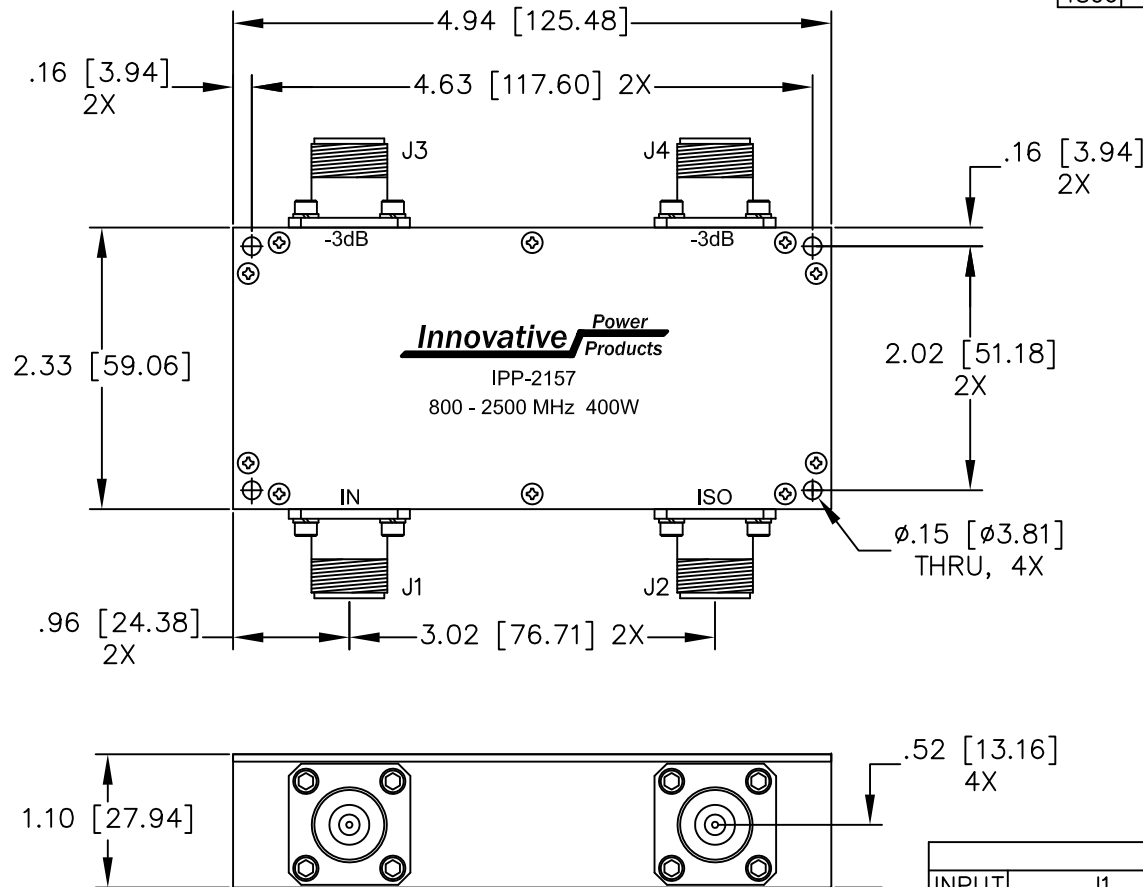


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

| DAR | REV | DESCRIPTION | APPVD | DATE |
|------|-----|-----------------|-------|------|
| 2048 | A | INITIAL RELEASE | DG | 9-09 |
| 4806 | B | SEE DAR | DG | 2-14 |



| PORT CONFIGURATION | | | | |
|--------------------|--------------|--------------|--------------|--------------|
| INPUT | J1 | J2 | J3 | J4 |
| J1 | --- | ISOLATION | -3dB<0 DEG | -3dB<-90 DEG |
| J2 | ISOLATION | --- | -3dB<-90 DEG | -3dB<0 DEG |
| J3 | -3dB<0 DEG | -3dB<-90 DEG | --- | ISOLATION |
| J4 | -3dB<-90 DEG | -3dB<0 DEG | ISOLATION | --- |

NOTES

- SEE 90° APPLICATION NOTE FOR FURTHER INFORMATION.
- CONNECTORS: TYPE "N" FEMALE.
- RoHS COMPLIANT.

ELECTRICAL SPECIFICATIONS

| | |
|--------------------|-----------------|
| FREQUENCY: | 800 - 2500 MHz. |
| INSERTION LOSS: | < 0.50 dB |
| VSWR: | < 1.30:1 |
| ISOLATION: | > 17 dB |
| AMPLITUDE BALANCE: | ±0.50 dB |
| PHASE BALANCE: | ±5° |
| POWER: | 400 WATT |
| TEMPERATURE: | -55°C TO 85°C |

| | | | | |
|--|------------------|--------------|---|-----------------|
| MATERIAL AL. ALLOY 6061-T651 | DWN S.Cornell | DATE 1-23-09 | Innovative Power Products | |
| | ENG TJD | DATE 1-23-09 | | |
| FINISH CHEM FILM CLEAR PER MIL-DTL-5541, TYPE 2, REV F CLASS 3 ROHS COMPLIANT | MANUF RR | DATE 1-23-09 | TITLE OUTLINE, COUP., 90°, 800 - 2500 MHz 400W | |
| | CAGE CODE: 437R2 | | SIZE B | P/N IPP-2157 |
| TOLERANCE .XX ±.02 .XXX ±.010 ANG. ±1/2° | SHEET OF 1 1 | SCALE 1:1 | | |