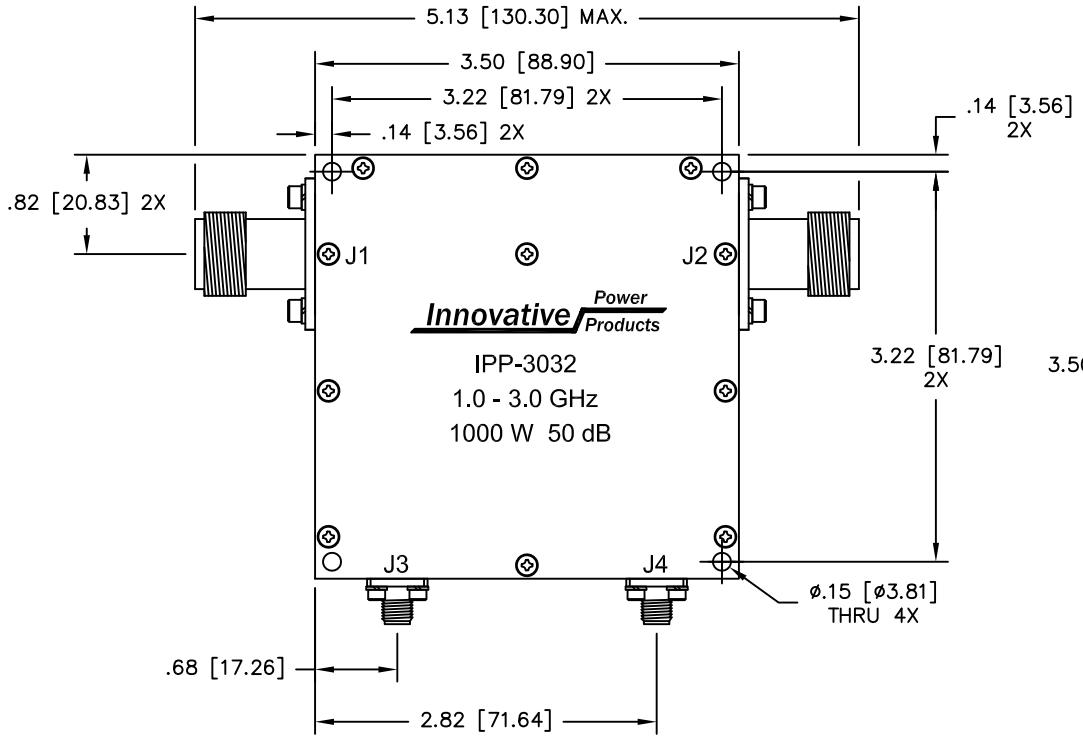
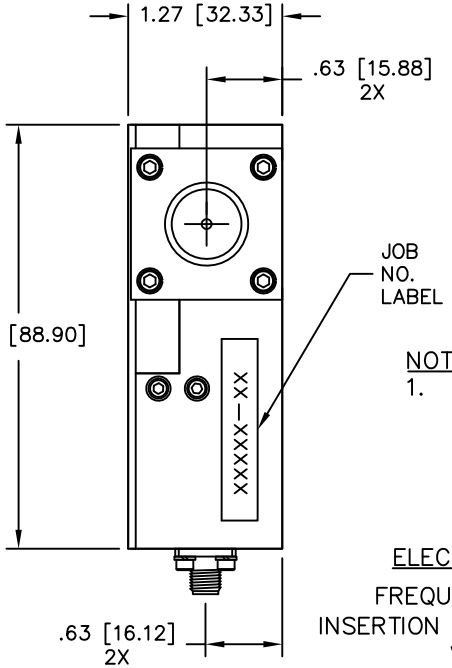
UNAUTHORIZED USE OF THIS DRAWING IS STRICTLY PROHIBITED

| DAR | REV | DESCRIPTION | APPVD | DATE |
|---|---|---|---|---|
| 4492 | E | SEE DAR | DG | 8–13 |
| 7161 | F | SEE DAR | DG | 5–18 |
| 8353 | G | SEE DAR | DG | 9–20 |




NOTES:
1. CONNECTOR:
   J1 & J2: TYPE SC–F
   J3 & J4: TYPE SMA–F

ELECTRICAL SPECIFICATIONS

| | |
|---|---|
| FREQUENCY: | 1.0 – 3.0 GHz. |
| INSERTION LOSS: | <0.15dB (MAIN LINE) |
| VSWR: | <1.25:1 (MAIN LINE) |
| | <2:1 (COUPLED PORTS) |
| COUPLING: | 50.0 ±1.0dB |
| DIRECTIVITY: | >20dB |
| COUPLED FLATNESS: | ±0.50dB |
| POWER: | 1000 WATT |
| TEMPERATURE: | –55°C TO 80°C |

J1: INPUT
J2: OUTPUT
J3: –50dB (FWD. COUPLED)
J4: –50dB (REFL. COUPLED)

| | | | |
|---|---|---|---|
| MATERIAL AL. ALLOY 6061-T651 | DWN DG | DATE 11/07 | Innovative Power Products |
| FINISH CHEM FILM CLEAR PER MIL-DTL-5541, TYPE 2, REV F, CLASS 3 ROHS COMPLIANT | ENG TJD | DATE 11/07 | TITLE OUTLINE, DUAL DIRECTIONAL COUPLER, 1.0-3.0 GHz., 50dB, 1000W |
| TOLERANCE IN [MM] .XXX ±.005 .XX ±.02 ANG. ±1/2° | MANUF TP | DATE 11/07 | SIZE B / P/N IPP-3032 / REV. G |
| | CAGE CODE: 437R2 | | |
| | SHEET 1 OF 1 | SCALE 1:1 | |