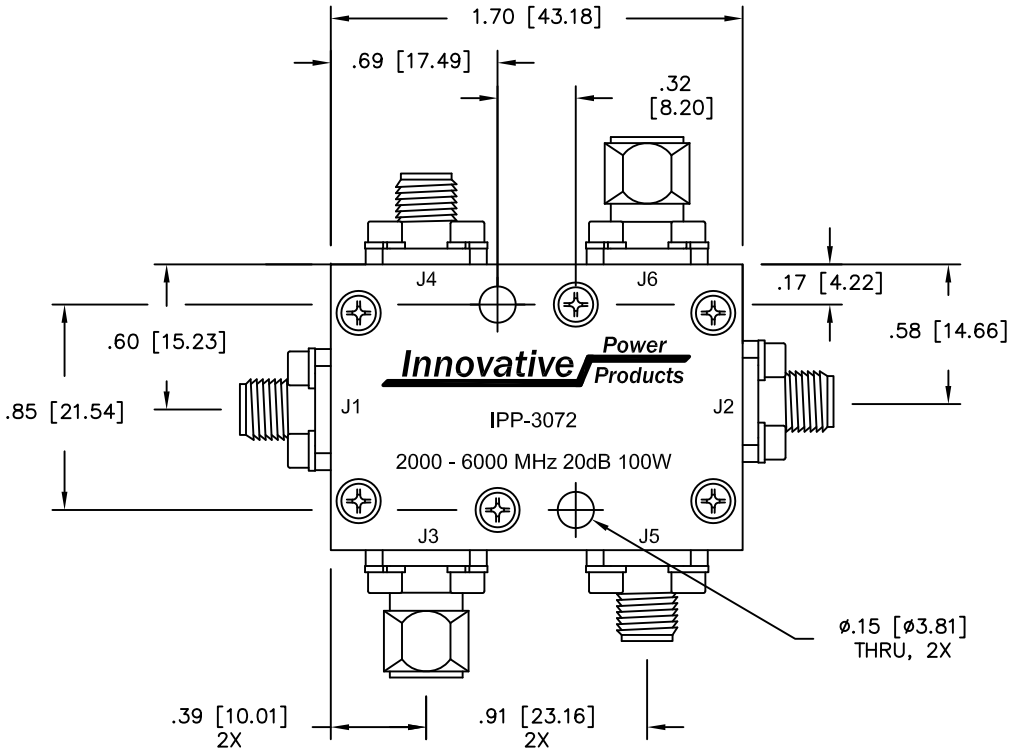
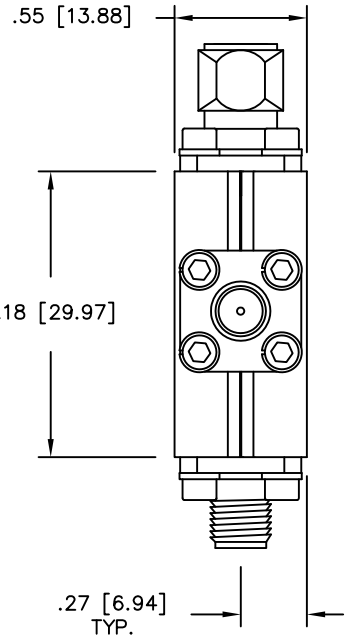
UNAUTHORIZED USE OF THIS DRAWING IS STRICTLY PROHIBITED

| DAR | REV | DESCRIPTION | APPVD | DATE |
|---|---|---|---|---|
| 1695 | A | INITIAL RELEASE | DG | 1–09 |
| 1784 | B | SEE DAR | DG | 3–09 |
| 1793 | C | SEE DAR | DG | 3–09 |
| 1878 | D | SEE DAR | DG | 5–09 |
| 3539 | E | SEE DAR | DG | 3–12 |
| 4492 | F | SEE DAR | DG | 8–13 |
| 5428 | G | SEE DAR | DG | 2–15 |




J1: INPUT
J2: OUTPUT
J3: ISO (50 OHM LOAD)
J4: −20dB (FWD COUPLED)
J5: −20dB (REFL COUPLED)
J6: ISO (50 OHM LOAD)

NOTES

1. CONNECTORS:
   TYPE SMA−F
2. RoHS COMPLIANT.

ELECTRICAL SPECIFICATIONS

| | |
|---|---|
| FREQUENCY: | 2000 − 6000 MHz. |
| INSERTION LOSS: | <0.35dB |
| MAIN LINE VSWR: | <1.30:1 |
| COUPLING: | 20 ±1.0dB |
| DIRECTIVITY: | >16dB |
| COUPLED FLATNESS: | ±0.7dB |
| POWER: | 100 WATT |
| TEMP RANGE: | −55°C TO 85°C |

| | | | |
|---|---|---|---|
| MATERIAL AL. ALLOY 6061-T651 | DWN S.Cornell | DATE 10-08 | Innovative Power Products |
| FINISH CHEM FILM, CLEAR, PER MIL-DTL-5541, TYPE 2, REV. F, CLASS 3 (ROHS COMPLIANT) | ENG TJD | DATE 10-08 | TITLE OUTLINE, DUAL DIRECTIONAL COUPLER, 2000 - 6000 MHz., 20dB, 100W |
| TOLERANCE IN [MM] .XXX ±.005 .XX ±.02 ANG. ±1/2° | MANUF TP | DATE 10-08 | SIZE B / P/N IPP-3072 / REV. G |
| | CAGE CODE: 437R2 | | |
| | SHEET 1 OF 1 | SCALE 2:1 | |