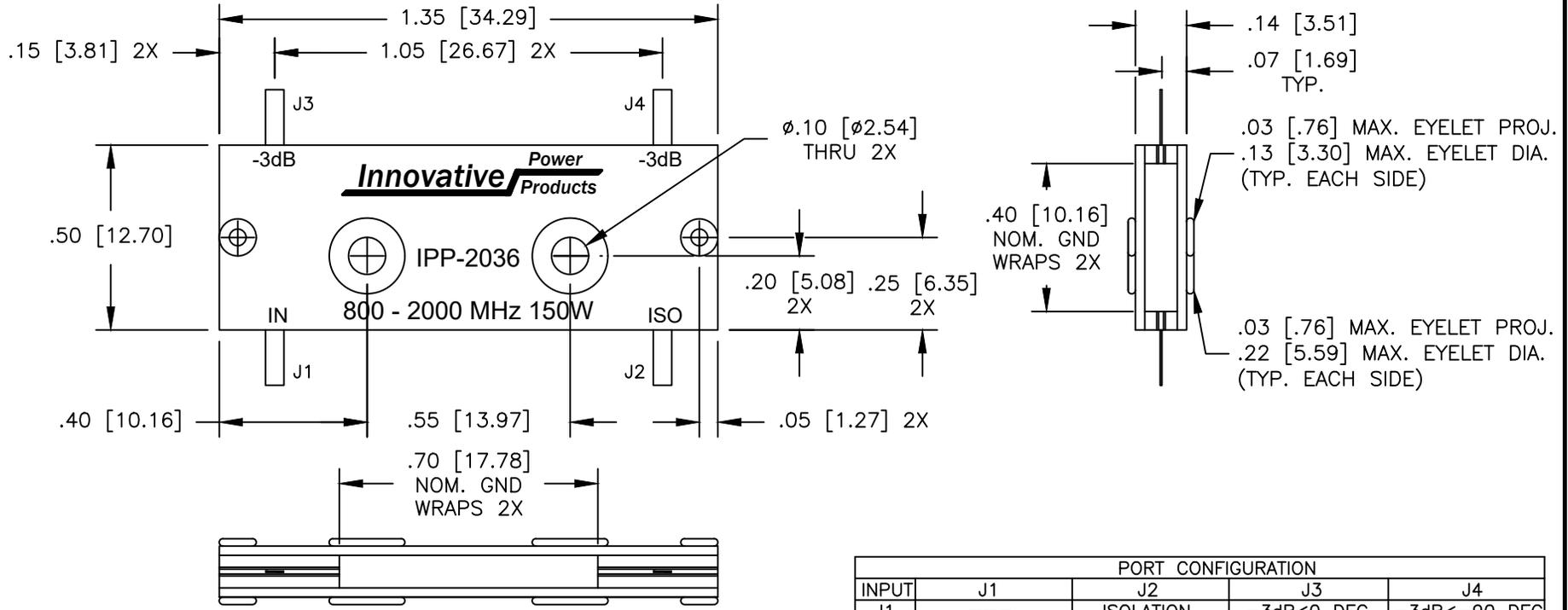


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

| DAR | REV | DESCRIPTION | APPVD | DATE |
|------|-----|-------------|-------|------|
| 3744 | F | SEE DAR | DG | 6-12 |
| 4556 | G | SEE DAR | DG | 9-13 |
| 9748 | H | SEE DAR | DG | 6-24 |



- NOTES:**
- LEAD MATERIAL: 99.99% PURE SILVER
.050 [1.270] X .150 [3.810] MIN.
LONG X .005 [.127] THICK.
 - SEE 90° APPLICATION NOTE FOR
FURTHER INFORMATION.
 - RoHS COMPLIANT.
 - DATA AND SPECIFICATIONS APPLY
WHEN PART IS MOUNTED IN IPP TEST
FIXTURE. TEST FIXTURE
CONFIGURATION/FOOTPRINT AVAILABLE
ON REQUEST.

ELECTRICAL SPECIFICATIONS

| | |
|--------------------|-----------------|
| FREQUENCY: | 800 - 2000 MHz. |
| INSERTION LOSS: | < 0.25 dB |
| VSWR: | < 1.25:1 |
| ISOLATION: | > 19 dB |
| AMPLITUDE BALANCE: | ±0.65 dB |
| PHASE BALANCE: | ±5° |
| POWER: | 150 WATT |
| TEMPERATURE: | -55°C TO 85°C |

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 | --- |

| | | | | | |
|---|-------------------|-------|------|-------|--|
| MATERIAL AL. ALLOY, 6061-T6 | DWN | DG | DATE | 4-06 | Innovative Power® Products |
| | ENG | TJD | DATE | 4-06 | |
| FINISH CHEM FILM CLEAR PER MIL-DTL-5541, TYPE 2, REV F, CLASS 3 ROHS COMPLIANT | MANUF | TP | DATE | 4-06 | TITLE OUTLINE, COUP., 90°, 800 - 2000 MHz. 150W |
| | CAGE CODE: 437R2 | | | | |
| TOLERANCE | .XX ±.02 [.50] | SHEET | OF | SCALE | SIZE |
| IN [MM] | .XXX ±.005 [.127] | 1 | 1 | 4:1 | B |
| | ANG. ±1/2° | | | | P/N |
| | | | | | IPP-2036 |
| | | | | | REV. |
| | | | | | H |