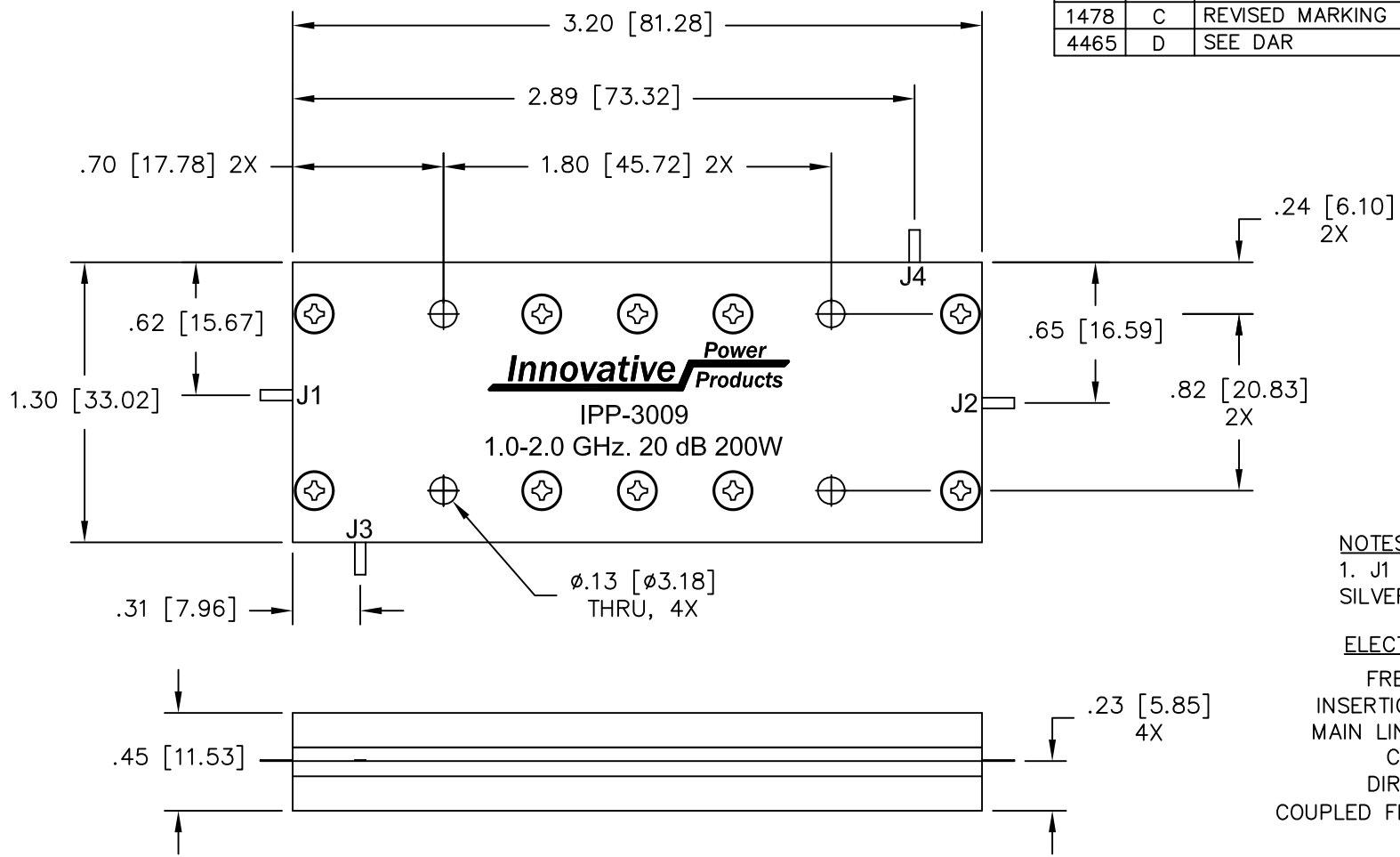


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

| DAR | REV | DESCRIPTION | APPVD | DATE |
|------|-----|-----------------|-------|-------|
| 1201 | A | INITIAL RELEASE | TJD | 10-06 |
| 1473 | B | UPDATED VIEWS | DG | 6-08 |
| 1478 | C | REVISED MARKING | DG | 7-08 |
| 4465 | D | SEE DAR | DG | 7-13 |



J1: INPUT
 J2: OUTPUT
 J3: -25dB (FWD COUPLED)
 J4: -25dB (REFL. COUPLED)

NOTES

1. J1 - J4: 0.050 [1.270] X 0.005 [.127]
 SILVER TABS, 0.15 [3.81] MIN. LONG.

ELECTRICAL SPECIFICATIONS

FREQUENCY: 1.0 - 2.0 GHz.
 INSERTION LOSS: <0.30dB
 MAIN LINE VSWR: <1.20:1
 COUPLING: 20.0 ±1.0dB
 DIRECTIVITY: >18dB
 COUPLED FLATNESS: ±1.0dB
 POWER: 200 WATT

| | | | | | | |
|------------|---|------------------|-----|-------|-------|--|
| MATERIAL | AL. ALLOY | DWN | DG | DATE | 10-06 | Innovative Power Products |
| | 6061-T651 | ENG | TJD | DATE | 10-06 | |
| FINISH | CHEM FILM CLEAR PER MIL-DTL-5541, TYPE 2, REV F, CLASS 3 ROHS COMPLIANT | MANUF | TP | DATE | 10-06 | TITLE |
| | | CAGE CODE: 437R2 | | | | DUAL DIRECTIONAL COUPLER 1.0 - 2.0 GHz. 200 WATT, 20 dB |
| TOLERANCE | .XX ±.02 | SHEET | OF | SCALE | 2:1 | SIZE |
| | .XXX ±.010 | | | | | B |
| ANG. ±1/2° | 1 | 1 | | | | P/N |
| | | | | | | IPP-3009 |
| | | | | | | REV. |
| | | | | | | D |