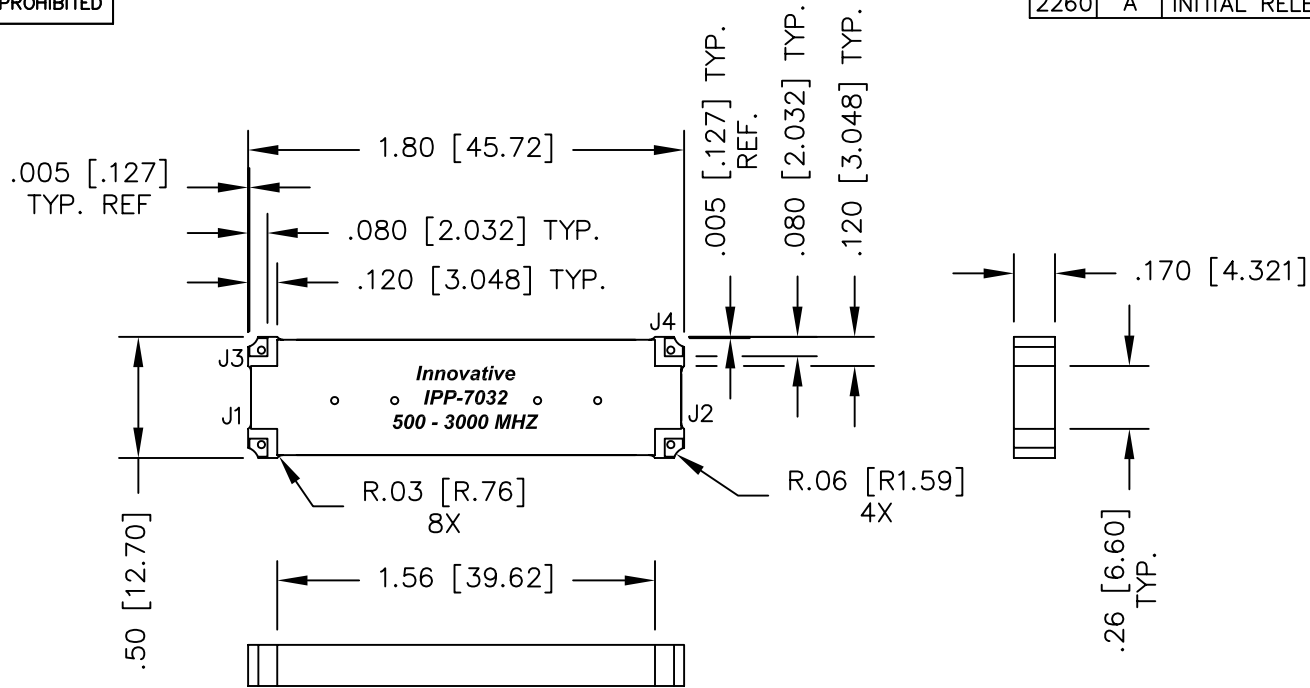


UNAUTHORIZED USE OF THIS  
DRAWING IS STRICTLY PROHIBITED

| DAR  | REV | DESCRIPTION     | APPVD | DATE |
|------|-----|-----------------|-------|------|
| 2260 | A   | INITIAL RELEASE | TJD   | 1-10 |



**NOTES:**

1. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
2. PARTS WITH RoHS MATT TIN AND RoHS NICKEL GOLD FINISHES ARE RoHS COMPLIANT.
3. AVAILABLE IN TAPE AND REEL. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.

**ELECTRICAL SPECIFICATIONS**

FREQUENCY: 500 – 3000 MHz.  
 INSERTION LOSS: <0.60 dB  
 VSWR: <1.30:1  
 ISOLATION: >18dB  
 AMPLITUDE BALANCE: ±0.80dB  
 PHASE BALANCE: ±5°  
 POWER: 100 WATT  
 TEMPERATURE: -55°C TO 85°C

| FINISH     |                  |
|------------|------------------|
| P/N        | TYPE             |
| IPP-7032   | TIN/LEAD         |
| IPP-7032RT | RoHS MATTE TIN   |
| IPP-7032RG | RoHS NICKEL GOLD |

| 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                   | DWN DG            | DATE 11-09 |  |        |               |
|                            | ENG TJD           | DATE 11-09 |  |        |               |
| FINISH<br>SEE FINISH CHART | MANUF RR          | DATE 11-09 | TITLE OUTLINE                          |        |               |
|                            | CAGE CODE: 437R2  |            | SMD COUPLER, 90°, 500 - 3000 MHz. 100W |        |               |
| TOLERANCE                  | SHEET OF 1 1      |            | SCALE 2:1                              | SIZE B | P/N IPP-7032* |
| IN [MM]                    | .XX ±.02 [.50]    |            |  |        | REV. A        |
|                            | .XXX ±.010 [.254] |            |  |        |               |
|                            | ANG. ±1/2°        |            |  |        |               |