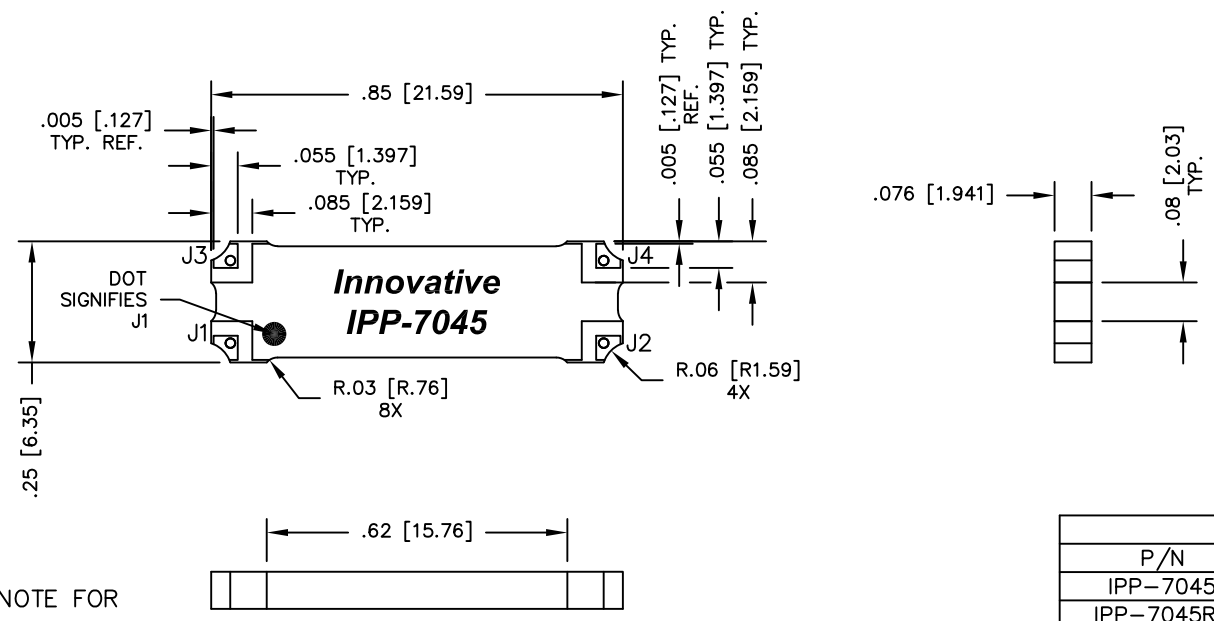


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

| DAR | REV | DESCRIPTION | APPVD | DATE |
|------|-----|-----------------|-------|------|
| 2334 | A | INITIAL RELEASE | DG | 3-10 |
| 8362 | B | SEE CHART | DG | 9-20 |



- NOTES:**
- SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
 - PARTS WITH RoHS MATTE TIN AND RoHS NICKEL GOLD FINISHES ARE RoHS COMPLIANT.
 - AVAILABLE IN TAPE AND REEL. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.

ELECTRICAL SPECIFICATIONS

FREQUENCY: 1500 - 2750 MHz.
 INSERTION LOSS: <0.25 dB
 VSWR: <1.25:1
 ISOLATION: >20dB
 AMP BAL.: ±0.45dB
 PHASE BALANCE: ±5°
 POWER: 150 WATT
 TEMPERATURE: -55°C TO 85°C

| FINISH | |
|------------|------------------|
| P/N | TYPE |
| IPP-7045 | TIN/LEAD |
| IPP-7045RT | RoHS MATTE TIN |
| IPP-7045RG | 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 | 2-10 | | |
| | ENG | TJD | DATE | 2-10 | | |
| FINISH SEE FINISH CHART | MANUF | DATE | TITLE OUTLINE | | | |
| | CAGE CODE: 437R2 | | SMD COUPLER, 90°, 1500 - 2750 MHz. 150W | | | |
| TOLERANCE | .XX ±.02 [.50] | SHEET OF 1 1 | SCALE 4:1 | SIZE | P/N IPP-7045* | REV. B |
| IN [MM] | .XXX ±.010 [.254] ANG. ±1/2° | | | | | |