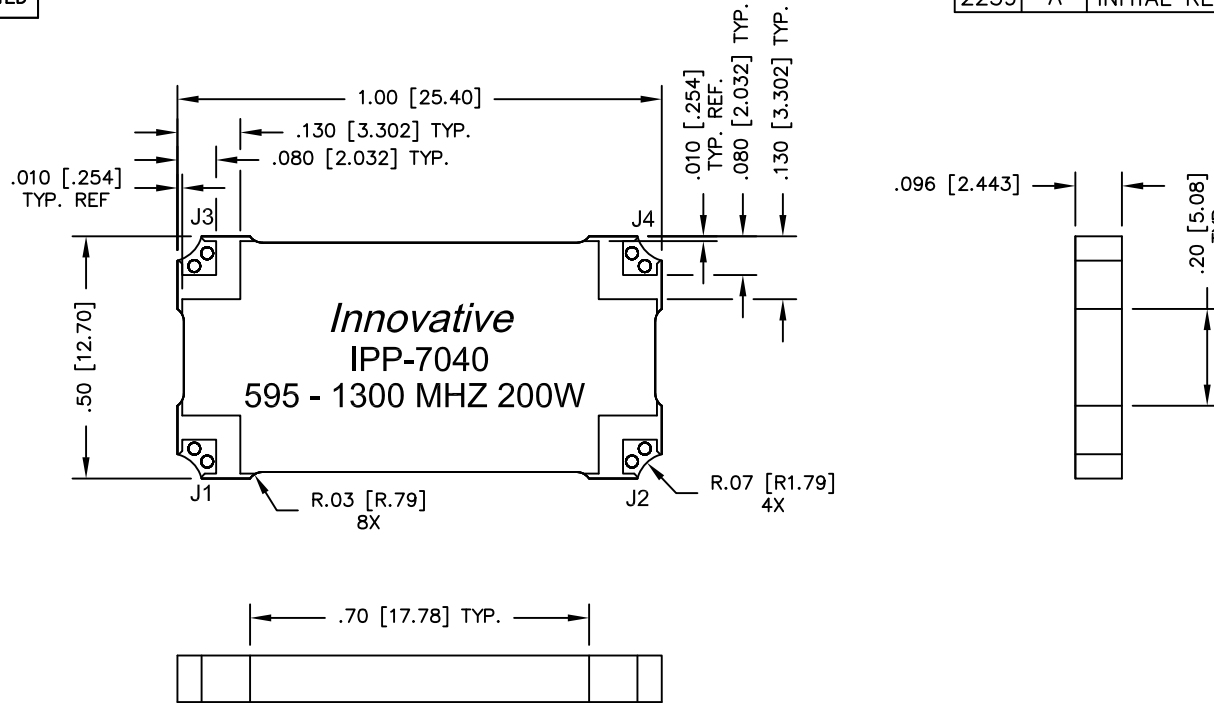


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

| DAR | REV | DESCRIPTION | APPVD | DATE |
|------|-----|-----------------|-------|------|
| 2259 | A | INITIAL RELEASE | TJD | 1-10 |



| FINISH | |
|------------|------------------|
| P/N | TYPE |
| IPP-7040 | TIN/LEAD |
| IPP-7040RT | RoHS MATTE TIN |
| IPP-7040RG | RoHS NICKEL GOLD |

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: 595 - 1300 MHz.
 INSERTION LOSS: < 0.25 dB
 VSWR: < 1.25:1
 ISOLATION: > 18 dB
 AMPLITUDE BALANCE: ±0.65 dB
 PHASE BALANCE: ±5°
 POWER: 200 WATT
 TEMPERATURE: -55°C TO 85°C

| PORT CONFIGURATION | | | | |
|--------------------|--------------|--------------|--------------|--------------|
| INPUT | A | B | C | D |
| 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 12-09 | | | |
| FINISH SEE FINISH CHART | ENG TJD | DATE 12-09 | | | |
| TOLERANCE | CAGE CODE: 437R2 | | TITLE OUTLINE SMD COUPLER, 90°, 595 - 1300 MHz 200W | | |
| IN [MM] | SHEET OF 1 1 | SCALE 4:1 | SIZE B | P/N IPP-7040* | REV. A |