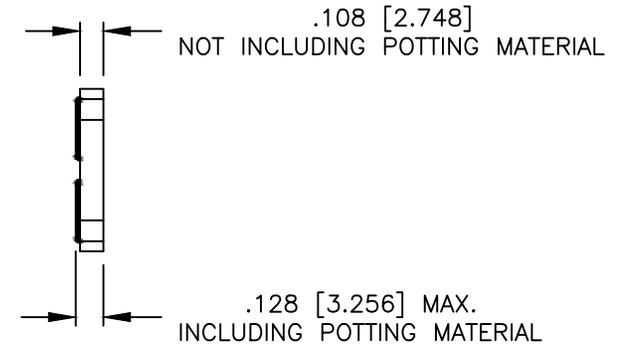
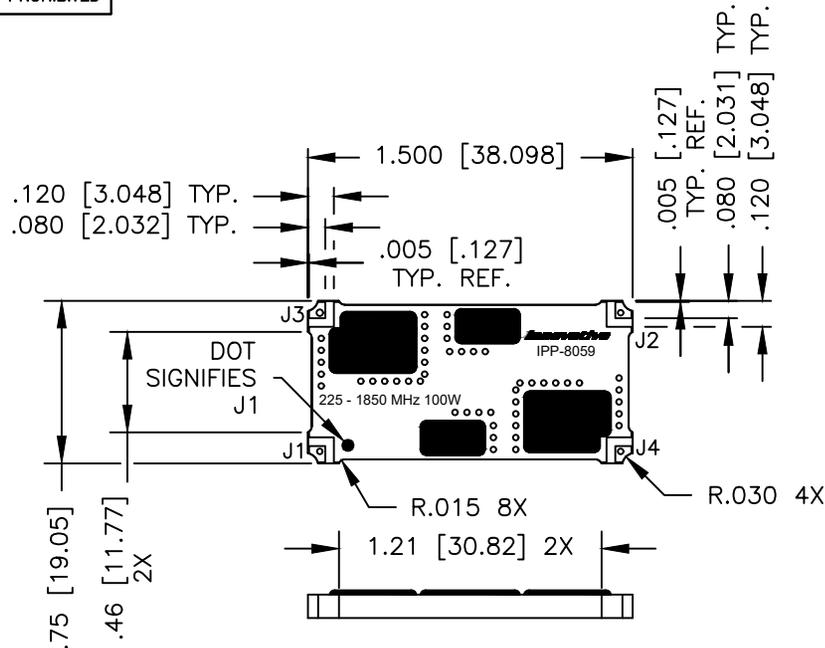


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

| DAR | REV | DESCRIPTION | APPVD | DATE |
|------|-----|-------------|-------|-------|
| 4886 | H | SEE DAR | DG | 4-14 |
| 6646 | J | SEE DAR | DG | 4-17 |
| 9894 | K | SEE DAR | DG | 11-24 |



NOTES:

1. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
2. AVAILABLE IN TAPE AND REEL. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
3. DO NOT EXCEED 220°C WHEN INSTALLING COUPLER.
4. DATA AND SPECIFICATIONS APPLY WHEN PART IS MOUNTED IN IPP TEST FIXTURE. TEST FIXTURE CONFIGURATION/FOOTPRINT AVAILABLE UPON REQUEST.

ELECTRICAL SPECIFICATIONS

FREQUENCY: 225 - 1850 MHz.
 INSERTION LOSS: <0.25 dB, 225-700 MHz
 <0.40 dB, 225-1850 MHz
 MAIN LINE VSWR: <1.25:1
 DIRECTIVITY: >18dB
 COUPLING: 35.0±1.5dB
 COUPLED FLATNESS: ±1.0dB
 POWER: 100 WATT
 TEMPERATURE: -55°C TO 85°C

| PORT CONFIGURATION | | | |
|--------------------|--------|-----------------|-------------------|
| INPUT | OUTPUT | FORWARD COUPLED | REFLECTED COUPLED |
| J1 | J2 | J3 | J4 |
| J2 | J1 | J4 | J3 |

| | | | | |
|---------------------------------------------------|------------------|------------|--------------------------------------------------------|--------|
| MATERIAL | DWN DG | DATE 11-11 | Innovative Power[®] Products | |
| FINISH | ENG TJD | DATE 11-11 | | |
| TIN/LEAD | MANUF | DATE | TITLE OUTLINE | |
| TOLERANCE | CAGE CODE: 437R2 | | SMD COUPLER, DDC, 225 - 1850 MHz. 100W | |
| IN [MM] | SHEET 1 | OF 1 | SCALE 2:1 | SIZE B |
| .XX ±.02 [.50] .XXX ±.010 [.254] ANG. ±1/2° | | | P/N | REV. K |
| | | | IPP-8059* | |