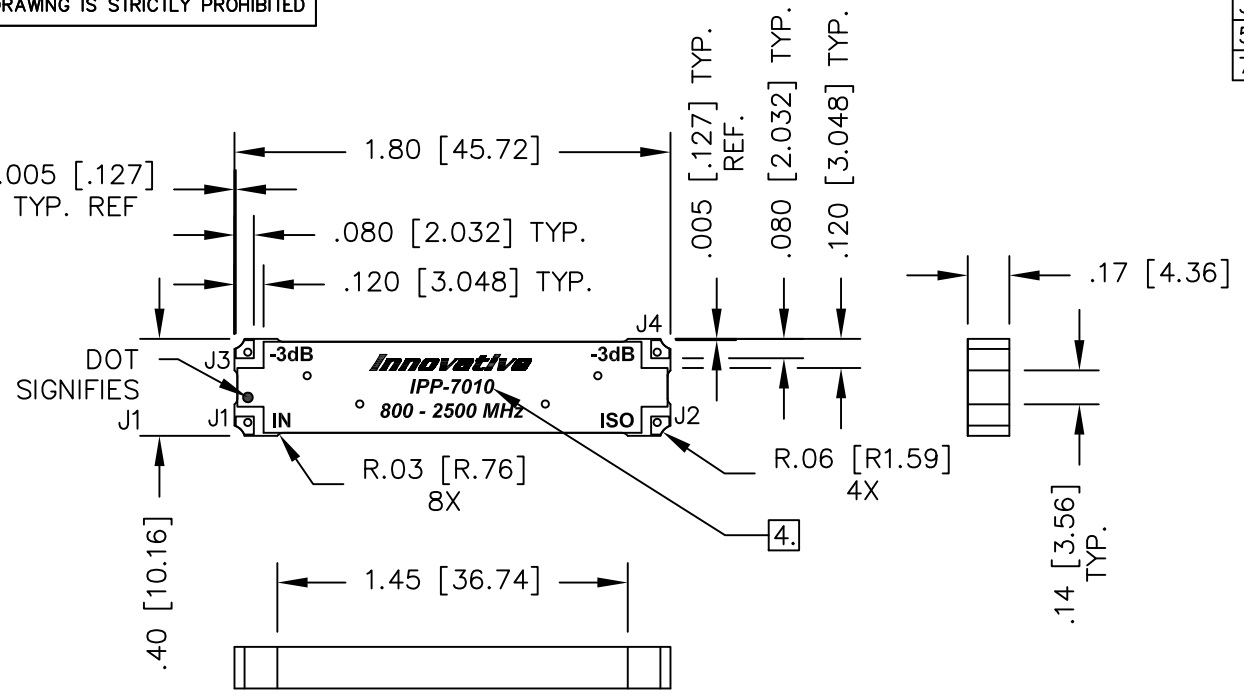
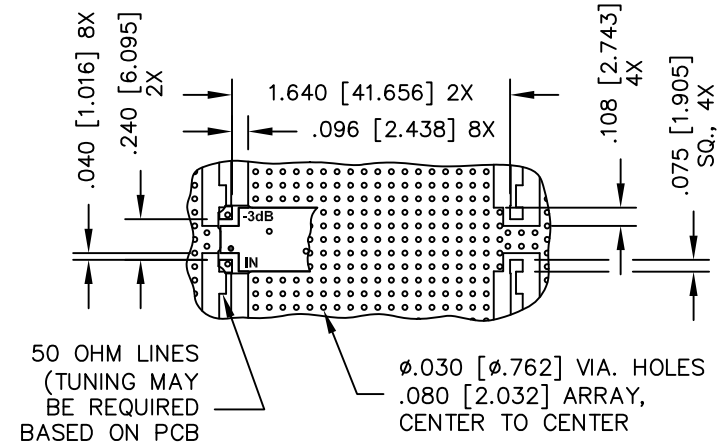
UNAUTHORIZED USE OF THIS DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
3886	E	SEE DAR	DG	8–12
5330	F	SEE DAR	DG	1–15
7141	G	SEE DAR	DG	5–18





PCB FOOTPRINT
.032 THICK DIELECTRIC, ER=3.55

NOTES:
1. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
2. PARTS WITH RoHS MATTE TIN AND RoHS NICKEL GOLD FINISHES ARE RoHS COMPLIANT.
3. AVAILABLE IN TAPE AND REEL. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
4. SEE CHART FOR PART NUMBER AND FINISH.

ELECTRICAL SPECIFICATIONS

FREQUENCY:	800 – 2500 MHz.
INSERTION LOSS:	<0.50 dB
VSWR:	<1.30:1
ISOLATION:	>18dB
AMPLITUDE BALANCE:	±0.60dB
PHASE BALANCE:	±5°
POWER:	200 WATT
TEMPERATURE:	–55°C TO 85°C

FINISH	
P/N	TYPE
IPP–7010	TIN/LEAD
IPP–7010RT	RoHS MATTE TIN
IPP–7010RG	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 1-09	Innovative Power Products
FINISH SEE FINISH CHART	ENG TJD	DATE 1-09	TITLE OUTLINE
TOLERANCE IN [MM] .XX ±.02 [.50] .XXX ±.010 [.254] ANG. ±1/2°	MANUF TP	DATE 1-09	SMD COUPLER, 90°, 800 - 2500 MHz. 200W
	CAGE CODE: 437R2		
	SHEET 1 OF 1	SCALE 2:1	SIZE B / P/N IPP-7010* / REV. G