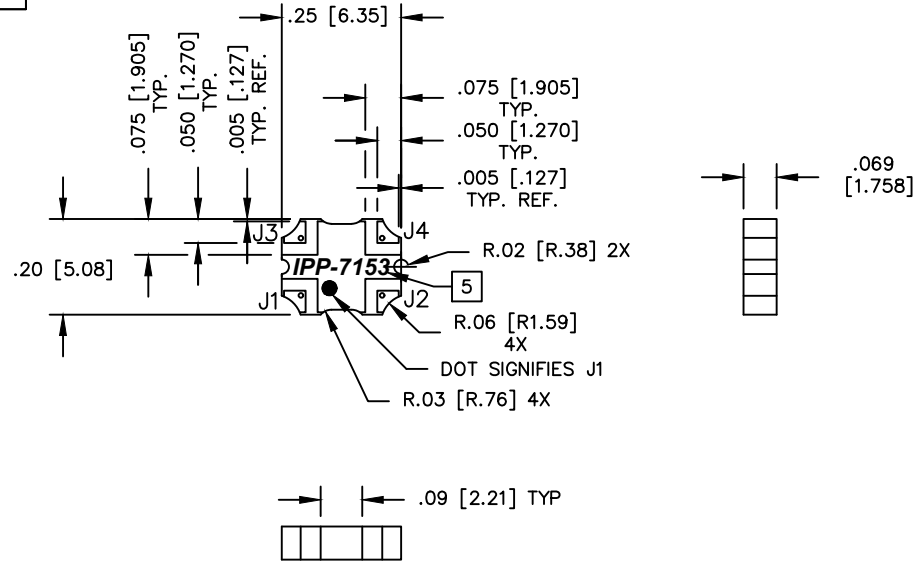


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
9157	A	INITIAL RELEASE	DG	1-23



NOTES:

- SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
- PARTS WITH RoHS MATTE TIN AND RoHS NICKEL GOLD FINISHES ARE RoHS AND REACH COMPLIANT.
- AVAILABLE IN TAPE AND REEL. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
- SEE CHART FOR PART NUMBER AND FINISH.
- DATA AND SPECIFICATIONS APPLY WHEN PART IS MOUNTED IN IPP TEST FIXTURE TF-1217. TEST FIXTURE CONFIGURATION/FOOTPRINT AVAILABLE UPON REQUEST.

FINISH		
P/N	TYPE	COMPLIANCE
IPP-7153	TIN/LEAD	---
IPP-7153RT	MATTE TIN	RoHS & REACH

ELECTRICAL SPECIFICATIONS

FREQUENCY: 6000 – 12000 MHz.
 INSERTION LOSS: <0.40 dB
 VSWR: <1.40:1
 ISOLATION: >16dB
 AMPLITUDE BALANCE: <±0.70dB
 PHASE BALANCE: ±6°
 POWER: 100 WATT
 TEMPERATURE: -55°C TO 85°C

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 5-17	Innovative Power Products		
FINISH SEE FINISH CHART	ENG TJD	DATE 5-17			
TOLERANCE IN [MM]	MANUF	DATE	TITLE OUTLINE SMD COUPLER, 90°, 6000 - 12000 MHz. 100W		
.XX ±.02 [.50] .XXX ±.010 [.254] ANG. ±1/2°	CAGE CODE: 437R2		SIZE B	P/N IPP-7153*	REV. A
	SHEET OF 1 1	SCALE 4:1			