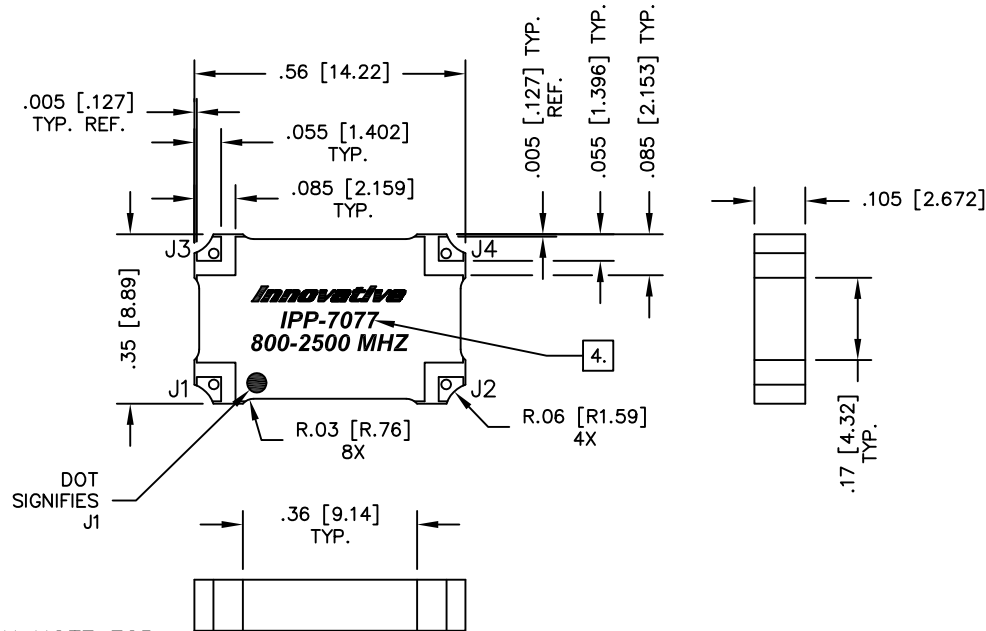


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
3854	B	SEE DAR	DG	8-12
4003	C	SEE DAR	DG	11-12
7074	D	SEE DAR	DG	3-18



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:	<0.25 dB
VSWR:	<1.25:1
ISOLATION:	>20 dB
AMPLITUDE BALANCE:	±1.10 dB
PHASE BALANCE:	±5°
POWER:	150 WATT
TEMPERATURE:	-55°C TO 85°C

FINISH	
P/N	TYPE
IPP-7077	TIN/LEAD
IPP-7077RT	RoHS MATTE TIN
IPP-7077RG	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	Innovative Power Products	
---	ENG	TJD	DATE	TITLE	
FINISH	MANUF	DATE	CAGE CODE: 437R2		OUTLINE
SEE FINISH CHART	SHEET	OF	SCALE	SMD COUPLER, 90°, 800 - 2500 MHz. 150W	
TOLERANCE	1	1	4:1	SIZE	P/N
IN [MM]	.xx ±.02 [.50]	.xxx ±.010 [.254]	ANG. ±1/2°	B	IPP-7077*
				REV.	D