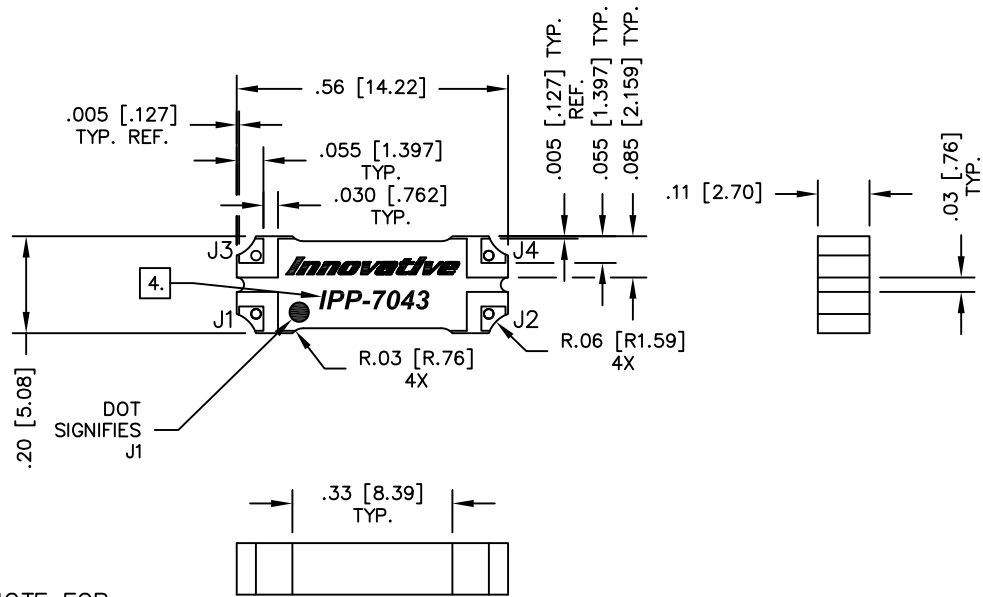


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
2382	A	INITIAL RELEASE	TJD	3-10
3851	B	SEE DAR	DG	8-12
7153	C	SEE DAR	DG	5-18



FINISH	
P/N	TYPE
IPP-7043	TIN/LEAD
IPP-7043RT	RoHS MATTE TIN
IPP-7043RG	RoHS NICKEL GOLD

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

ELECTRICAL SPECIFICATIONS

FREQUENCY: 2000 – 6800 MHz.
 INSERTION LOSS: <0.30 dB
 VSWR: <1.30: 1
 ISOLATION: >17dB
 AMPLITUDE BALANCE: ±1.25dB
 PHASE BALANCE: ±5°
 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 S.Cornell	DATE	2-3-10	Innovative <i>Power</i> Products		
FINISH	ENG DG	DATE	2-10			
SEE FINISH CHART		MANUF	DATE	TITLE		
TOLERANCE		CAGE CODE: 437R2		OUTLINE		
IN [MM]		SHEET OF		SMD COUPLER, 90°, 2000 - 6800 MHz. 100W		
.XX ±.02 [.50]		1 1		SCALE	SIZE	P/N
.XXX ±.010 [.254]				4:1	B	IPP-7043*
ANG. ±1/2°						REV. C