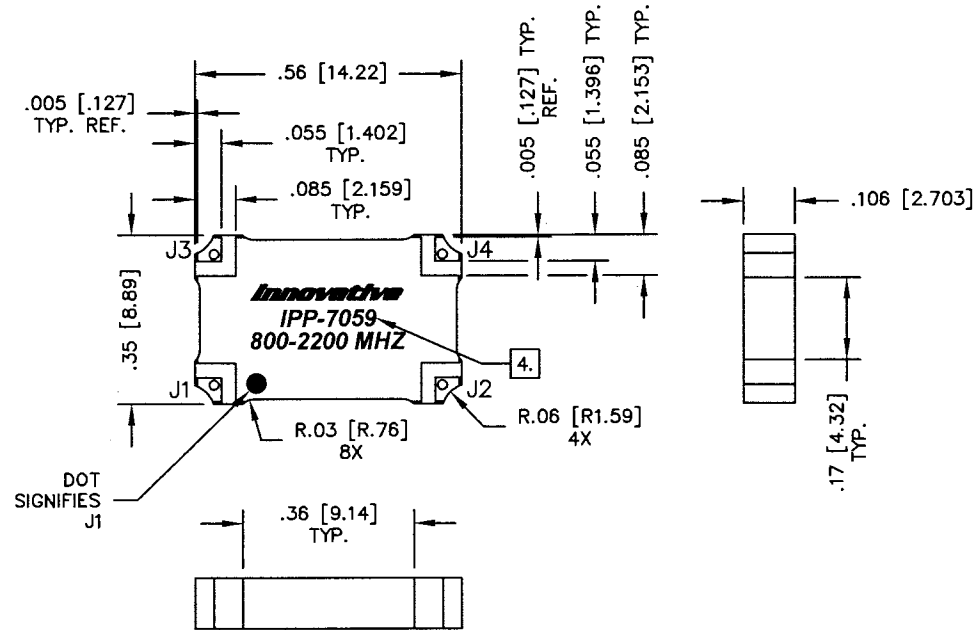


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
3854	D	SEE DAR	DG	8-12
5323	E	SEE DAR	DG	1-15
7424	F	SEE DAR	DG	1-19



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: 800 - 2200 MHz.
 INSERTION LOSS: <0.25 dB
 VSWR: <1.30:1
 ISOLATION: >18 dB
 AMPLITUDE BLANCE: ±0.80 dB
 PHASE BLANCE: ±5 DEG
 POWER: 150 WATT
 TEMPERATURE: -55°C TO 85°C

FINISH	
P/N	TYPE
IPP-7059	TIN/LEAD
IPP-7059RT	RoHS MATTE TIN
IPP-7059RG	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 4-10	Innovative Power Products		
FINISH	ENG TJD	DATE 4-10			
SEE FINISH CHART	MANUF	DATE	TITLE	OUTLINE	
TOLERANCE	CAGE CODE: 437R2		SMD COUPLER, 90°, 800 - 2200 MHz. 150W		
IN [MM]	.XX ±.02 [.50] .XXX ±.010 [.254] ANG. ±1/2°	SHEET 1 OF 1	SCALE 4:1	SIZE B	P/N IPP-7059*
					REV. F