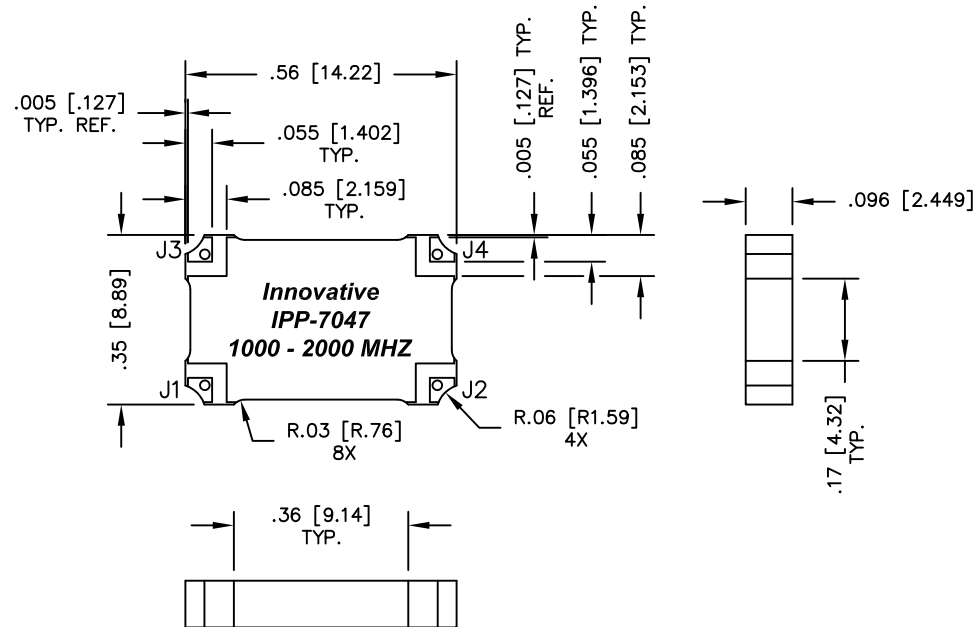


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
2372	A	INITIAL RELEASE	DG	3-10



NOTES:

1. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
2. PARTS WITH RoHS MATT TIN AND RoHS NICKEL GOLD FINISHES ARE RoHS COMPLIANT.
3. AVAILABLE IN TAPE AND REEL. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.

ELECTRICAL SPECIFICATIONS

FREQUENCY: 1000 - 2000 MHz.
 INSERTION LOSS: <0.25 dB
 VSWR: <1.25:1
 ISOLATION: >20 dB
 AMPLITUDE BLANCE: ±0.55 dB
 PHASE BLANCE: ±5 DEG
 POWER: 150 WATT
 TEMPERATURE: -55°C TO 85°C

FINISH	
P/N	TYPE
IPP-7047	TIN/LEAD
IPP-7047RT	RoHS MATTE TIN
IPP-7047RG	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 S.Cornell	DATE 3-8-10	Innovative <i>Power</i> Products			
FINISH	ENG DG	DATE 3-10				
SEE FINISH CHART	MANUF	DATE	TITLE OUTLINE			
TOLERANCE	CAGE CODE: 437R2		SMD COUPLER, 90°, 1000 - 2000 MHz. 150W			
IN [MM]	.XX ±.02 [.50]	SHEET OF 1 1	SCALE 4:1	SIZE B	P/N IPP-7047*	REV. A
	.XXX ±.010 [.254]					
	ANG. ±1/2°					