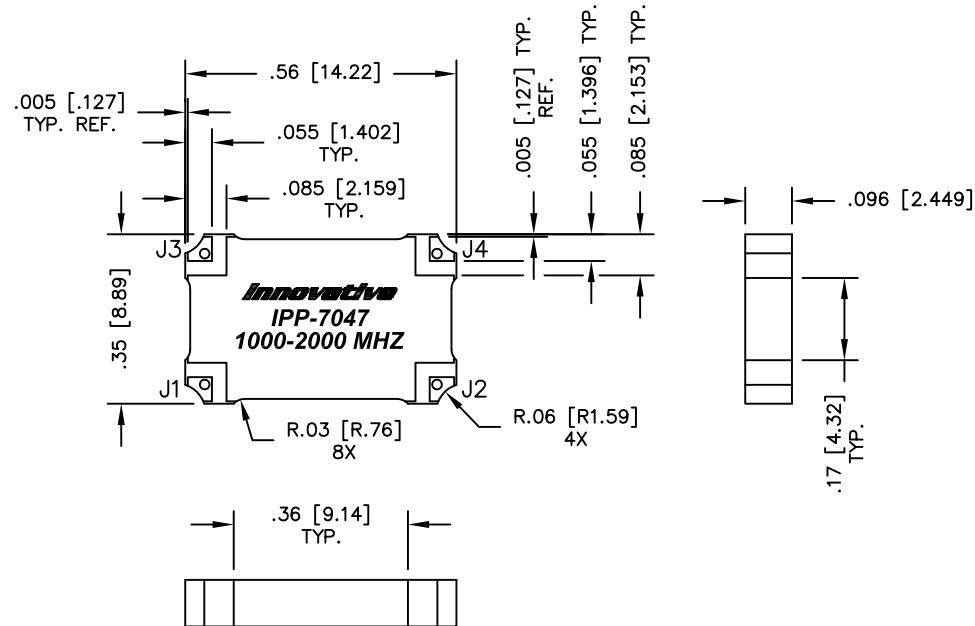


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
2372	A	INITIAL RELEASE	DG	3-10
3852	B	SEE DAR	DG	8-12



- 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.

ELECTRICAL SPECIFICATIONS

FREQUENCY: 1000 - 2000 MHz.
 INSERTION LOSS: <0.25 dB
 VSWR: <1.25:1
 ISOLATION: >20 dB
 AMPLITUDE BLANCE: ±0.55 dB
 PHASE BALANCE: ±5°
 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
TOLERANCE			CAGE CODE: 437R2		OUTLINE
IN [MM]			SHEET OF	SCALE	SMD COUPLER, 90°, 1000 - 2000 MHZ. 150W
.XX ±.02 [.50]			1 1	4:1	SIZE
.XXX ±.010 [.254]					P/N
ANG. ±1/2°					IPP-7047*
					REV.
					B