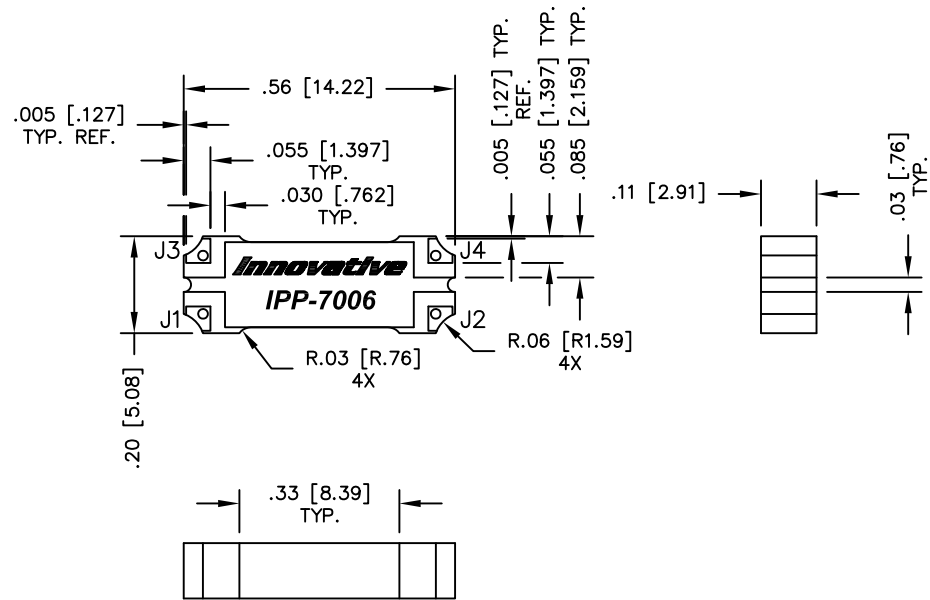


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
1493	A	INITIAL RELEASE	DG	8-08
1591	B	CHANGE AMP BAL FROM +/-0.75 TO +/-1.0	DG	10-08
1674	C	ADDED FINISHES	DG	1-09
1754	D	SEE DAR	DG	2-09
3851	E	SEE DAR	DG	8-12



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.

ELECTRICAL SPECIFICATIONS

FREQUENCY: 2000 – 6000 MHz.
 INSERTION LOSS: <0.30 dB
 VSWR: <1.30:1
 ISOLATION: >18dB
 AMPLITUDE BALANCE: ±1.0dB
 PHASE BALANCE: ±5°
 POWER: 100 WATT
 TEMPERATURE: -55°C TO 85°C

FINISH	
P/N	TYPE
IPP-7006	TIN/LEAD
IPP-7006RT	RoHS MATTE TIN
IPP-7006RG	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 7-08	Innovative <i>Power</i> Products		
FINISH	ENG TJD	DATE 7-08			
TOLERANCE	MANUF TP	DATE 7-08	TITLE OUTLINE		
IN [MM]	CAGE CODE: 437R2		SMD COUPLER, 90°, 2000 - 6000 MHz. 100W		
.XX ±.02 [.50]	SHEET OF	SCALE	SIZE	P/N	REV.
.XXX ±.010 [.254]	1 1	4:1	B	IPP-7006*	E
ANG. ±1/2°					