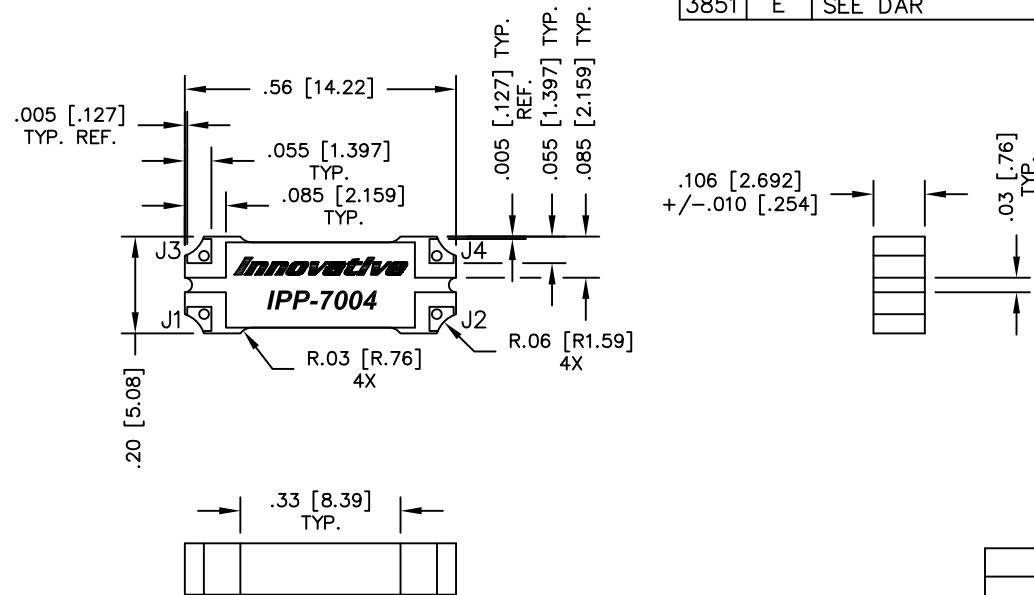


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
1493	A	INITIAL RELEASE	DG	8-08
1674	B	ADDED FINISHES	DG	1-09
1754	C	SEE DAR	DG	2-09
1912	D	SEE DAR	DG	6-09
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: 2500 – 6000 MHz.
INSERTION LOSS: <0.30 dB
VSWR: <1.30:1
ISOLATION: >18dB
AMPLITUDE BALANCE: ±.75dB
PHASE BALANCE: ±5°
POWER: 100 WATT
TEMPERATURE: -55°C TO 85°C

FINISH	
P/N	TYPE
IPP-7004	TIN/LEAD
IPP-7004RT	RoHS MATTE TIN
IPP-7004RG	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	
	ENG	TJD	DATE	7-08		
FINISH	SEE FINISH CHART		MANUF	TP	DATE	7-08
TOLERANCE	.XX ±.02 [.50] .XXX ±.010 [.254] ANG. ±1/2°		CAGE CODE: 437R2		TITLE OUTLINE SMD COUPLER, 90°, 2500 - 6000 MHz. 100W	
IN [MM]	SHEET	OF	SCALE	1	1	4:1
SIZE	P/N	IPP-7004*		REV.	E	