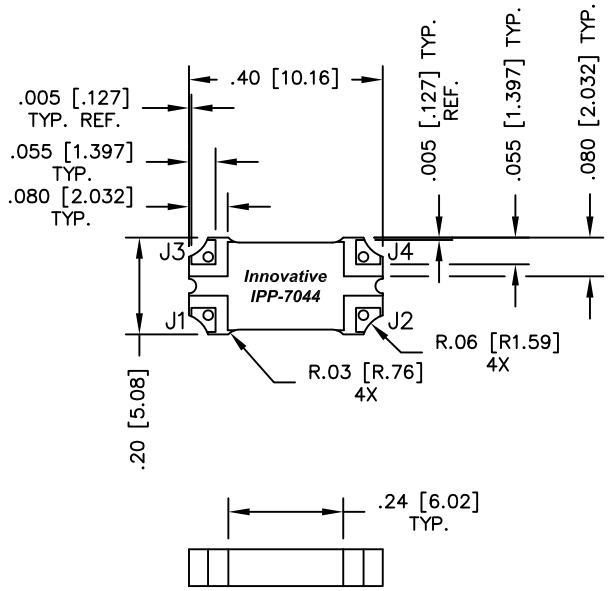
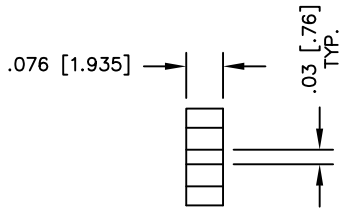
UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
2312	A	INITIAL RELEASE	TJD	2–10





FINISH	
P/N	TYPE
IPP–7044	TIN/LEAD
IPP–7044RT	RoHS MATTE TIN
IPP–7044RG	RoHS NICKEL GOLD

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:	6000 – 8500 MHz.
INSERTION LOSS:	<0.4 dB
VSWR:	<1.30:1
ISOLATION:	>17dB
AMPLITUDE BALANCE:	±.35dB
PHASE BALANCE:	±6°
POWER:	100 WATT
TEMPERATURE:	–55°C TO 85°C

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 2-10	Innovative Power Products
FINISH SEE FINISH CHART	ENG TJD	DATE 2-10	TITLE OUTLINE SMD COUPLER, 90°, 6000 - 8500 MHz. 100W
TOLERANCE IN [MM] .XX ±.02 [.50] .XXX ±.010 [.254] ANG. ±1/2°	MANUF	DATE	SIZE B / P/N IPP-7044* / REV. A
	CAGE CODE: 437R2		
	SHEET 1 OF 1	SCALE 4:1	