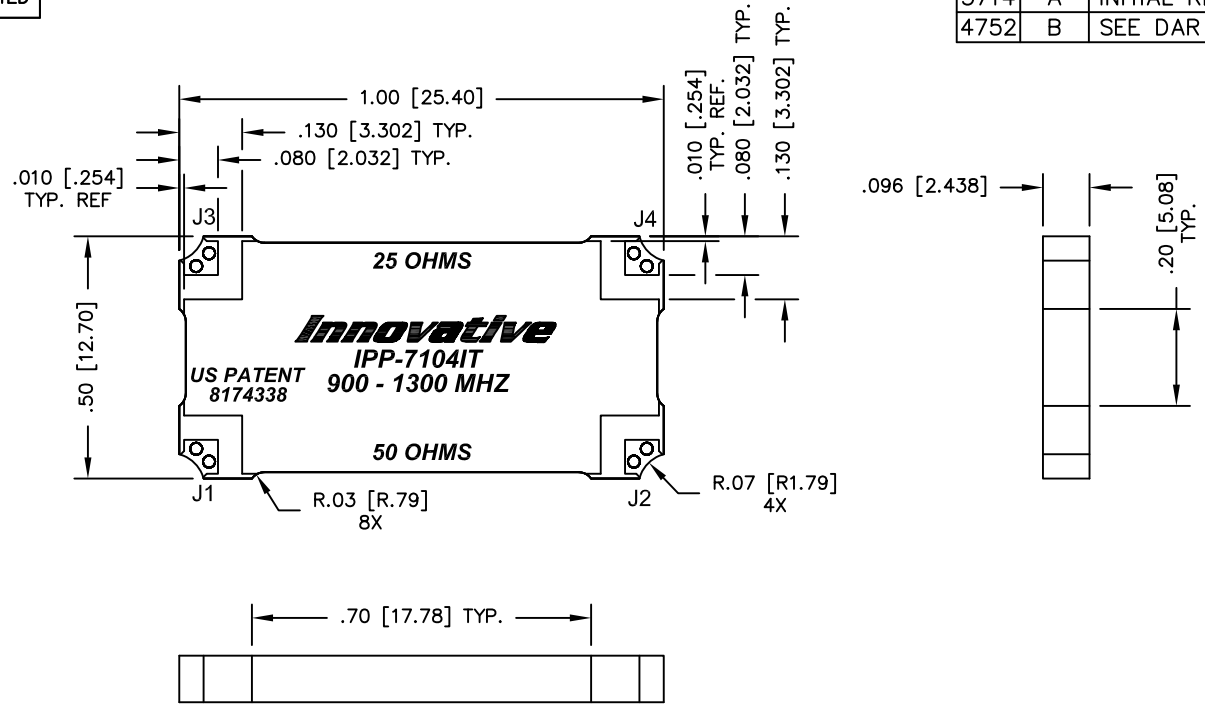


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
3714	A	INITIAL RELEASE	DG	6-12
4752	B	SEE DAR	DG	1-14



FINISH	
P/N	TYPE
IPP-7104IT	TIN/LEAD
IPP-7104ITRT	RoHS MATTE TIN
IPP-7104ITRG	RoHS NICKEL GOLD

- NOTES:**
- PATENTED DESIGN: US PATENT #8174338.
 - 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.

PORT CONFIGURATION				
INPUT	J1	J2	J3	J4
J1, 50 Ω	--	ISOLATION	-3dB<0 DEG	-3dB<-90 DEG
J2, 50 Ω	ISOLATION	--	-3dB<-90 DEG	-3dB<0 DEG
J3, 25 Ω	-3dB<0 DEG	-3dB<-90 DEG	--	ISOLATION
J4, 25 Ω	-3dB<-90 DEG	-3dB<0 DEG	ISOLATION	--

ELECTRICAL SPECIFICATIONS

FREQUENCY: 900 - 1300 MHz.
 INSERTION LOSS: < 0.45 dB
 VSWR: < 1.25:1
 ISOLATION: > 16 dB
 AMPLITUDE BALANCE: ±0.50 dB
 PHASE BALANCE: ±5°
 POWER: 200 WATT
 TEMPERATURE: -55°C TO 85°C

MATERIAL	DWN S.Cornell	DATE	6-8-12	Innovative <i>Power</i> Products
FINISH	ENG DG	DATE	6-12	
SEE FINISH CHART	MANUF	DATE		TITLE
TOLERANCE	CAGE CODE: 437R2			OUTLINE,IT90,IMPEDANCE TRANSFORMING SMD COUPLER, 90°, 900 - 1300 MHz. 200W
IN [MM]	.XX ±.02 [.50] .XXX ±.010 [.254] ANG. ±1/2°	SHEET OF	SCALE	SIZE
		1 1	4:1	P/N
				IPP-7104IT
				REV.
				B