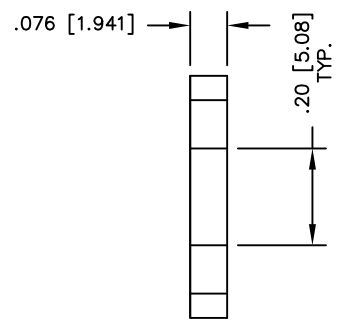
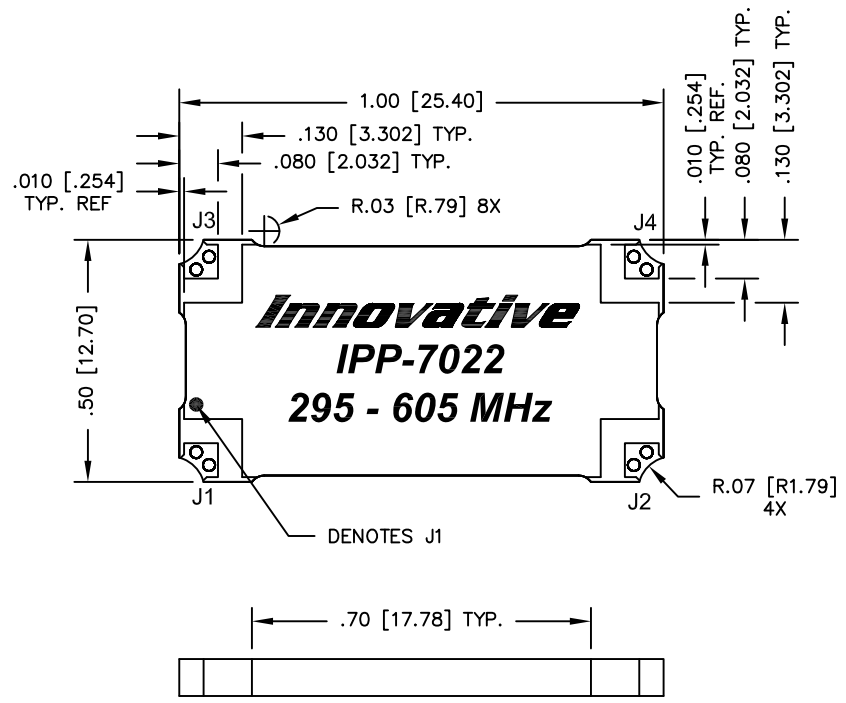


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED



DAR	REV	DESCRIPTION	APPVD	DATE
2047	A	INITIAL RELEASE	DG	8-09
2088	B	SEE DAR	DG	10-09
2238	C	SEE DAR	TJD	1-10
3829	D	SEE DAR	DG	8-12
4869	E	SEE DAR	DG	3-14
4961	F	SEE DAR	DG	5-14

FINISH	
P/N	TYPE
IPP-7022	TIN/LEAD
IPP-7022RT	RoHS MATTE TIN
IPP-7022RC	RoHS NICKEL GOLD

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: 295 - 605 MHz.
INSERTION LOSS: < 0.25 dB
VSWR: < 1.27:1
ISOLATION: > 18 dB
AMPLITUDE BALANCE: ±0.65 dB
PHASE BALANCE: ±5°
POWER: 300 WATT
TEMPERATURE: -55°C TO 85°C

PORT CONFIGURATION				
INPUT	A	B	C	D
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	8-09	Innovative <i>Power</i> Products	
	ENG	TJD	DATE	8-09		
FINISH	SEE FINISH CHART		MANUF	TP	DATE	8-09
TOLERANCE	.XX ±.02 [.50] .XXX ±.010 [.254] ANG. ±1/2°		CAGE CODE: 437R2		TITLE OUTLINE SMD COUPLER, 90°, 295 - 605 MHz 300W	
IN [MM]	SHEET	OF	SCALE	1	1	4:1
SIZE	P/N	IPP-7022*		REV.	F	