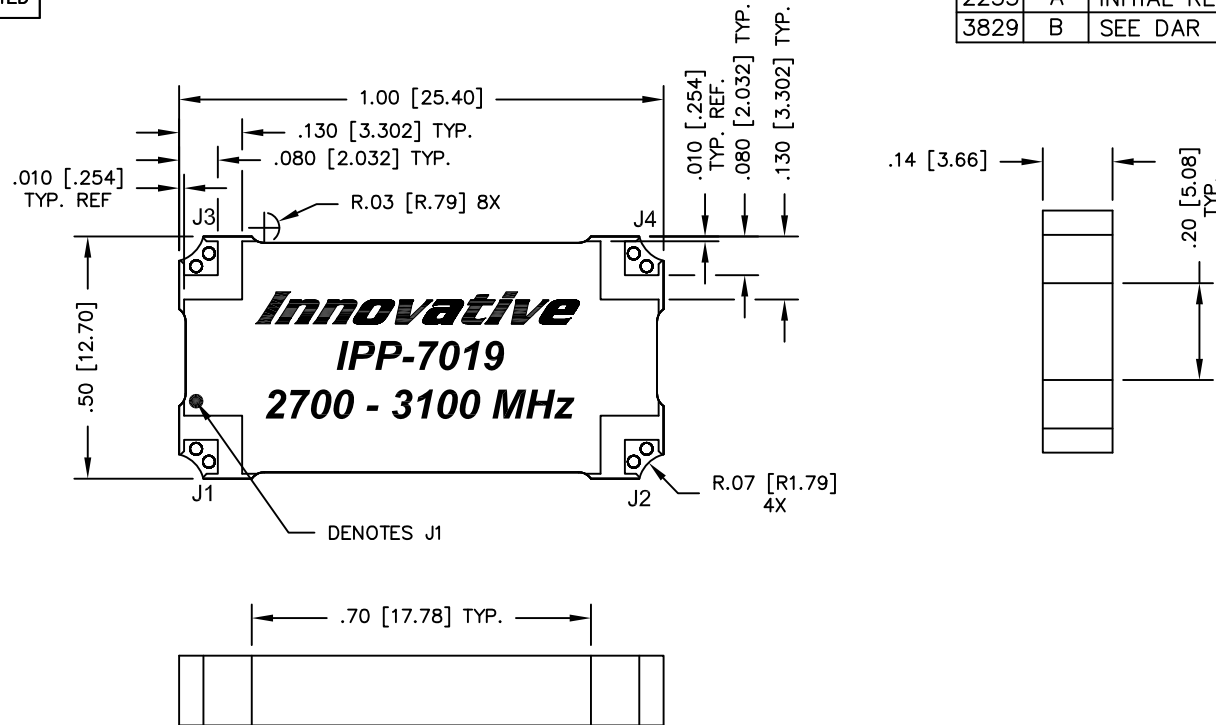


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
2235	A	INITIAL RELEASE	TJD	1-10
3829	B	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: 2700 - 3100 MHz.
INSERTION LOSS: < 0.30 dB
VSWR: < 1.30:1
ISOLATION: > 18 dB
AMPLITUDE BALANCE: ±0.30 dB
PHASE BALANCE: ±5°
POWER: 300 WATT
TEMPERATURE: -55°C TO 85°C

FINISH	
P/N	TYPE
IPP-7019	TIN/LEAD
IPP-7019RT	RoHS MATTE TIN
IPP-7019RG	RoHS NICKEL GOLD

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	5-08			<i>Innovative</i> <i>Power</i> <i>Products</i>					
		ENG	TJD	DATE	5-08								
FINISH		SEE FINISH CHART			MANUF	TP	DATE	5-08					
TOLERANCE		CAGE CODE: 437R2						TITLE					
IN [MM]		.XX ±.02 [.50]		SHEET		OF		SCALE		SIZE	P/N	REV.	
		.XXX ±.010 [.254]		1		1		4:1					IPP-7019*
		ANG. ±1/2"								OUTLINE			
								SMD COUPLER, 90°, 2700 - 3100 MHz. 300W					