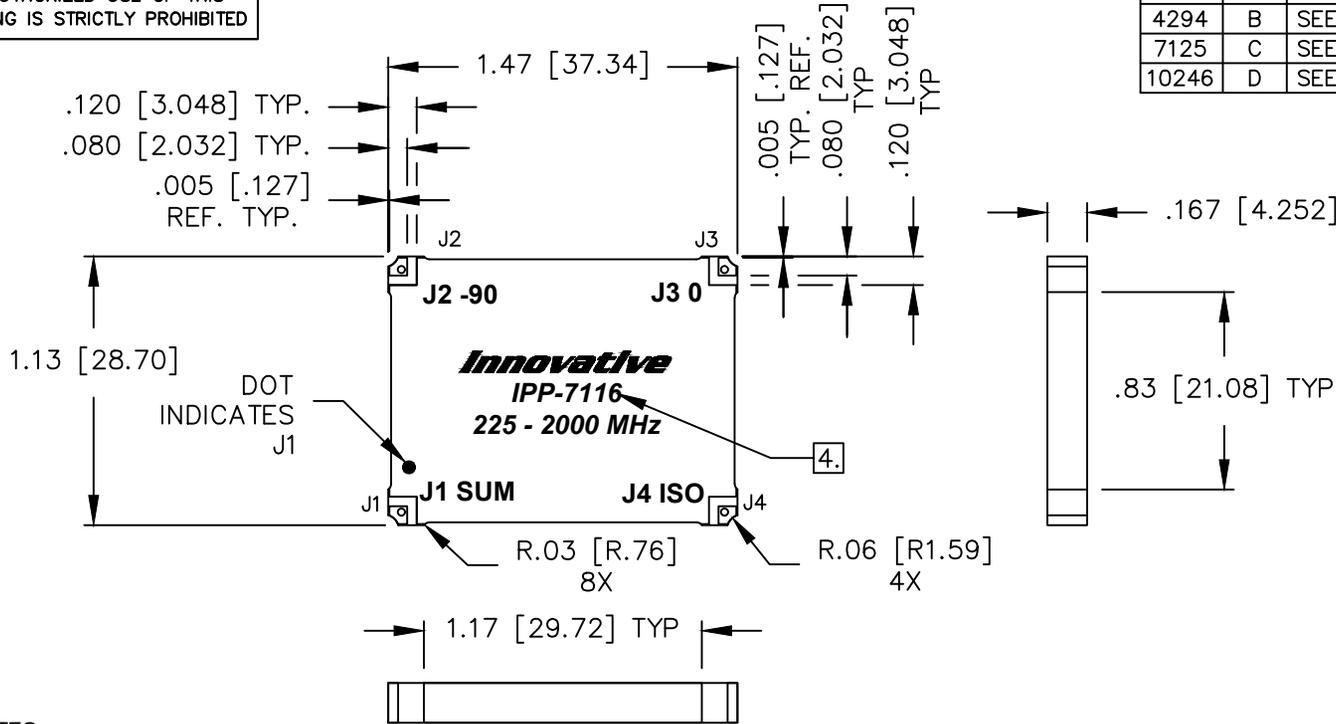


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
4294	B	SEE DAR	DG	5-13
7125	C	SEE DAR	DG	4-18
10246	D	SEE DAR	DG	10-25



NOTES :

- 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.
- SEE CHART FOR PART NUMBER AND FINISH.
- DATA AND SPECIFICATIONS APPLY WHEN PART IS MOUNTED IN IPP TEST FIXTURE. TEST FIXTURE CONFIGURATION/FOOTPRINT AVAILABLE UPON REQUEST.

ELECTRICAL SPECIFICATIONS

FREQUENCY:	225 - 2000 MHz.
INSERTION LOSS:	<0.80 dB
VSWR:	<1.30:1
ISOLATION:	>17dB
AMPLITUDE BALANCE:	±1dB
PHASE BALANCE:	±5°
POWER:	200 WATT
TEMPERATURE:	-55°C TO 85°C

FINISH	
P/N	TYPE
IPP-7116	TIN/LEAD
IPP-7116RT	RoHS MATTE TIN
IPP-7116RG	RoHS NICKEL GOLD

PORT CONFIGURATION				
INPUT	J1	J2	J3	J4
J1	---	-3dB<-90 DEG	-3dB<0 DEG	ISOLATION
J2	-3dB<-90 DEG	---	ISOLATION	-3dB<0 DEG
J3	-3dB<0 DEG	ISOLATION	---	-3dB<-90 DEG
J4	ISOLATION	-3dB<0 DEG	-3dB<-90 DEG	---

MATERIAL	DWN S.Cornell	DATE 12-11-12	Innovative Power® Products			
FINISH	ENG DG	DATE 12-12				
SEE CHART	MANUF	DATE	TITLE OUTLINE			
TOLERANCE	CAGE CODE: 437R2		SMD COUPLER, 90°, 225 - 2000 MHz. 200W			
IN [MM]	.XX ±.02 [.50]	SHEET OF 1 1	SCALE 2:1	SIZE B	P/N IPP-7116	REV. D
	.XXX ±.010 [.254]					
	ANG. ±1/2°					