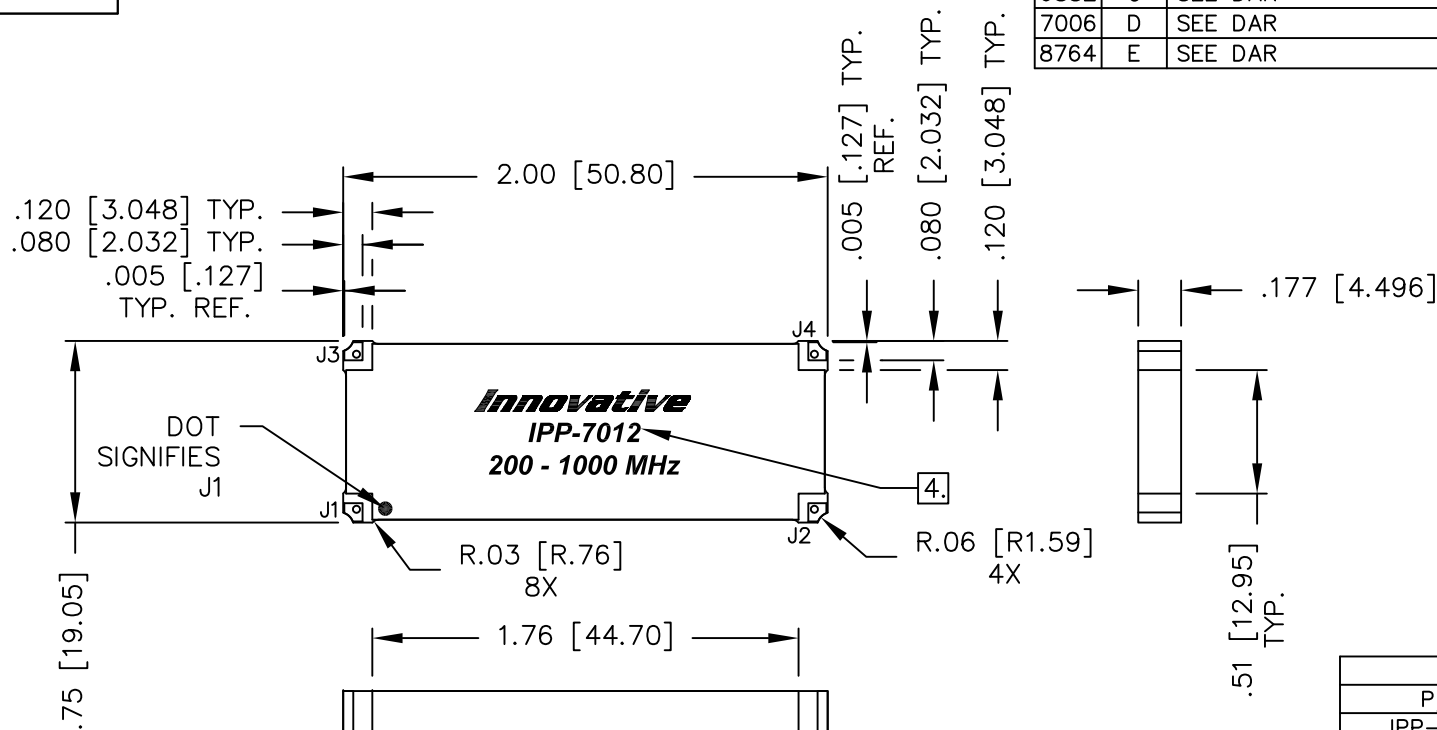


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
6882	C	SEE DAR	DG	9-17
7006	D	SEE DAR	DG	1-18
8764	E	SEE DAR	TJD	9-21



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.

4. SEE CHART FOR PART NUMBER AND FINISH.

ELECTRICAL SPECIFICATIONS

FREQUENCY: 200 — 1000 MHz.
 INSERTION LOSS: <0.60 dB
 VSWR: <1.30:1
 ISOLATION: >16dB
 AMPLITUDE BALANCE: ± 0.8 dB
 PHASE BALANCE: $\pm 5^\circ$
 POWER: 150 WATT
 TEMPERATURE: -55°C TO 85°C

FINISH	
P/N	TYPE
IPP-7012	TIN/LEAD
IPP-7012RT	RoHS MATTE TIN
IPP-7012RG	RoHS NICKEL GOLD

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	3-09			
		ENG	TJD	DATE	3-09			
FINISH		MANUF		TP	DATE	3-09	TITLE	
SEE CHART						OUTLINE		
		CAGE CODE: 437R2				SMD COUPLER, 90°, 200 - 1000 MHZ. 150W		
TOLERANCE		SHEET		OF	SCALE	SIZE	P/N	REV.
.XX ±.02 [.50] .XXX ±.010 [.254] ANG. ±1/2°		1		1	2:1	B	IPP-7012*	E