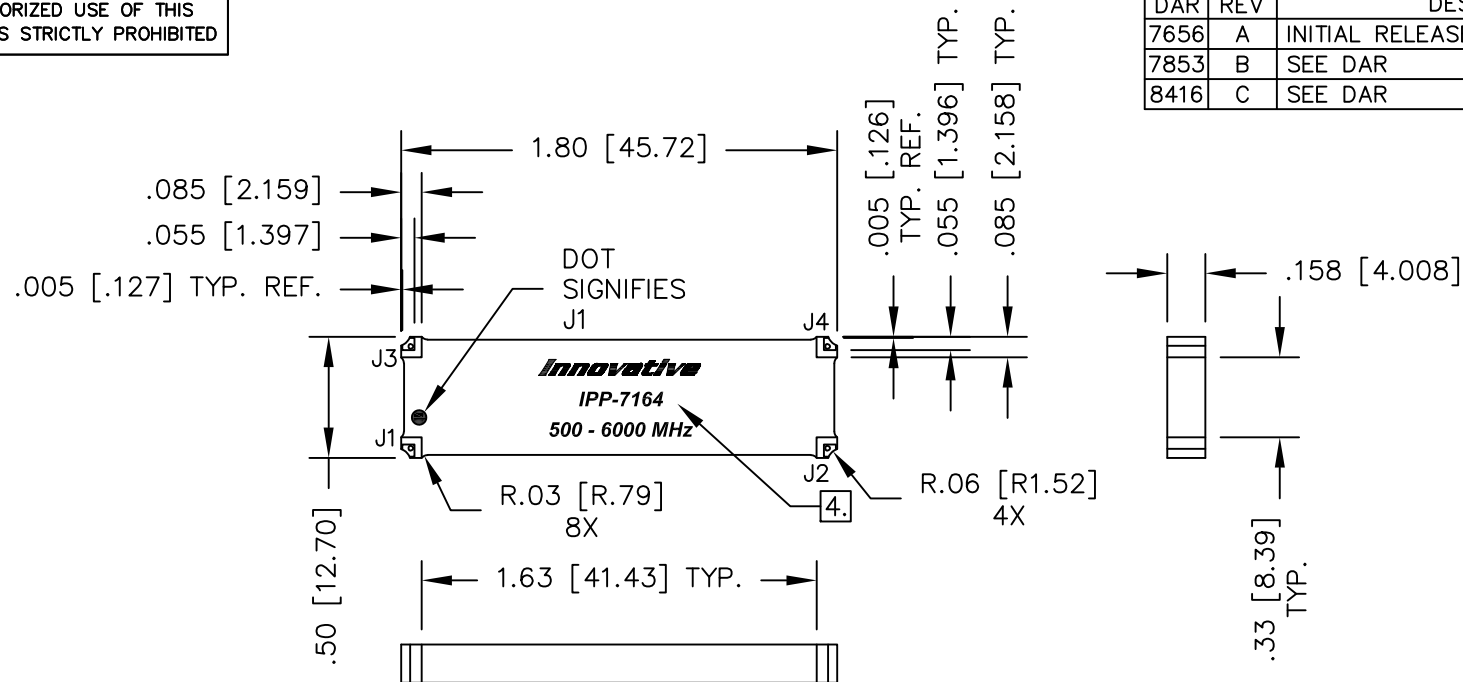


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
7656	A	INITIAL RELEASE	DG	5-19
7853	B	SEE DAR	DG	9-19
8416	C	SEE DAR	TJD	10-20



NOTES:

1. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
2. PARTS WITH MATTE TIN ARE RoHS AND REACH COMPLIANT.
3. AVAILABLE IN TAPE AND REEL. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
4. SEE CHART FOR PART NUMBER AND FINISH.
5. DATA AND SPECIFICATIONS APPLY WHEN PART IS MOUNTED IN IPP TEST FIXTURE TF-1310. TEST FIXTURE CONFIGURATION/FOOTPRINT AVAILABLE ON REQUEST.

ELECTRICAL SPECIFICATIONS

FREQUENCY:	500 - 6000 MHz.
INSERTION LOSS:	<1.25 dB
VSWR:	<1.70:1
ISOLATION:	>13dB
AMPLITUDE BALANCE:	±1.70dB
PHASE BALANCE:	±8°
POWER:	100 WATT
TEMPERATURE:	-55°C TO 85°C

4.	FINISH		
	P/N	TYPE	COMPLIANCE
	IPP-7164	TIN/LEAD	---
	IPP-7164RT	MATTE TIN	RoHS & REACH

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

MATERIAL	DWN	DG	DATE	1-19	Innovative <i>Power</i> Products	
	ENG	TJD	DATE	1-19		
FINISH	SEE FINISH CHART		MANUF	DATE	TITLE	
TOLERANCE	.XX ±.02 [.50]		CAGE CODE: 437R2		OUTLINE	
IN [MM]	.XXX ±.010 [.254]		SHEET 1 OF 1		SMD COUPLER, 90°, 500 - 6000 MHz. 100W	
ANG. ±1/2°			SCALE 2:1		SIZE B	P/N
					IPP-7164*	
					REV. C	