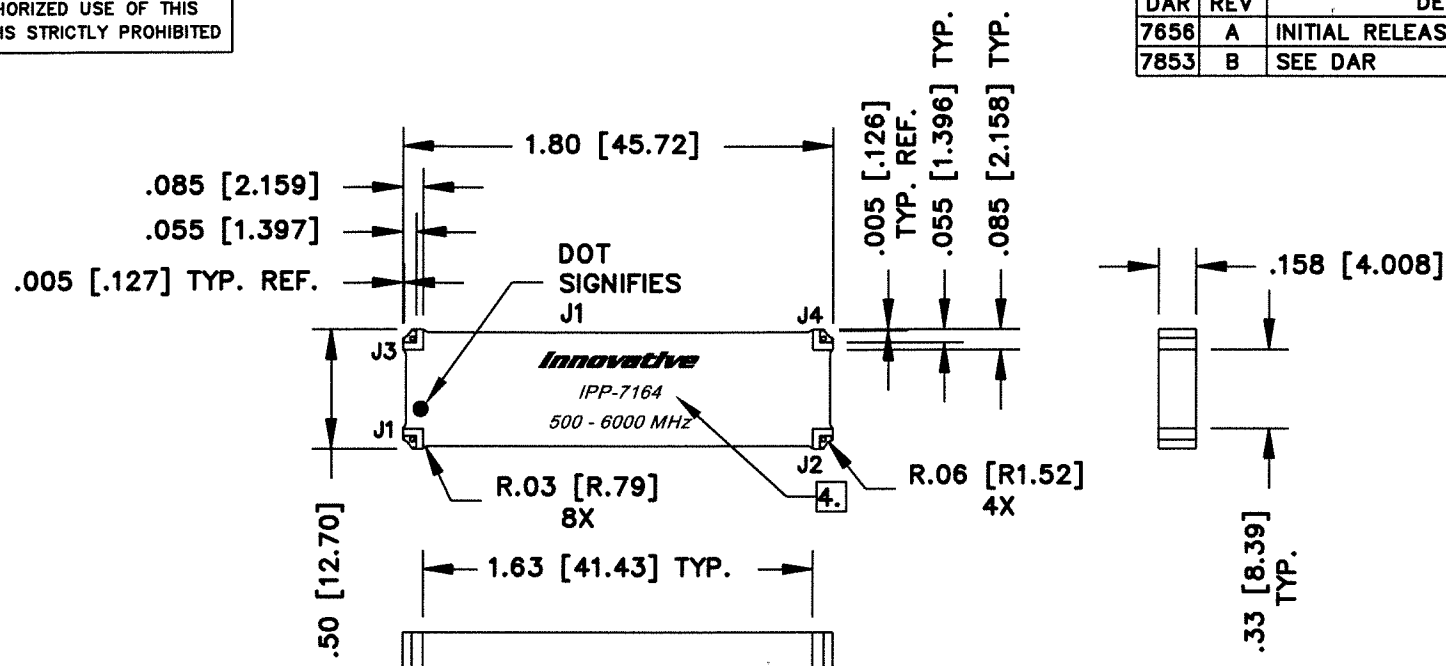


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
7656	A	INITIAL RELEASE	DG	5-19
7853	B	SEE DAR	DG	9-19



NOTES:

1. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
2. PARTS WITH RoHS MATTE TIN 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.
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: <1.0 dB
 VSWR: <1.50:1
 ISOLATION: >14dB
 AMPLITUDE BALANCE: ±1.50dB
 PHASE BALANCE: ±6°
 POWER: 100 WATT
 TEMPERATURE: -55°C TO 85°C

FINISH	
P/N	TYPE
IPP-7164	TIN/LEAD
IPP-7164RT	RoHS MATTE TIN

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