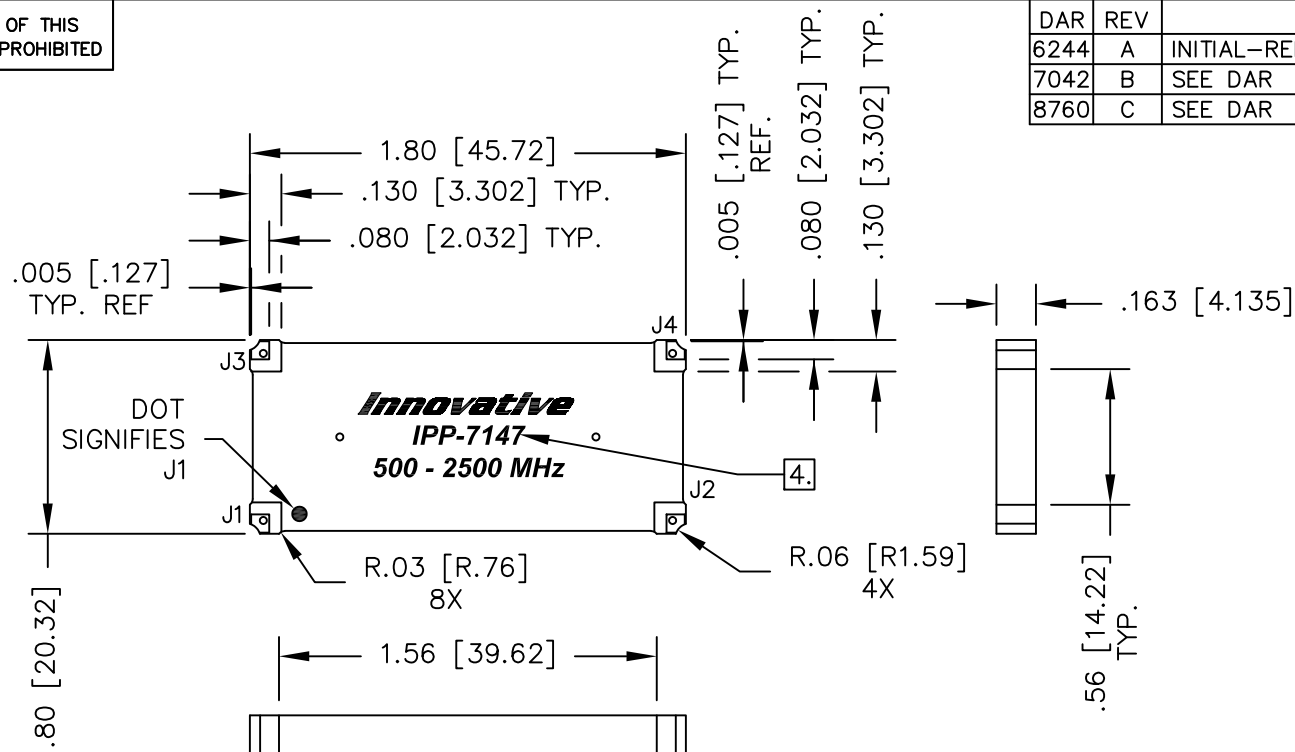


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED



DAR	REV	DESCRIPTION	APPVD	DATE
6244	A	INITIAL-RELEASE	DG	6-16
7042	B	SEE DAR	DG	2-18
8760	C	SEE DAR	DG	9-21

NOTES:

- SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
- PARTS WITH RoHS MATTE TIN FINISH ARE RoHS COMPLIANT.
- AVAILABLE IN TAPE AND REEL. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
- SEE CHART FOR PART NUMBER AND FINISH.

FINISH	
P/N	TYPE
IPP-7147	TIN/LEAD
IPP-7147RT	RoHS MATTE TIN

ELECTRICAL SPECIFICATIONS

FREQUENCY:	500 - 2500 MHz.
INSERTION LOSS:	<0.55 dB
VSWR:	<1.43:1
ISOLATION:	>16dB
AMPLITUDE BALANCE:	±0.8dB
PHASE BALANCE:	±6°
POWER:	350 WATT
TEMPERATURE:	-55°C TO 85°C

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	Innovative <i>Power</i> Products	
	ENG	TJD	DATE		
FINISH	SEE FINISH CHART		DATE	TITLE	
TOLERANCE	CAGE CODE: 437R2		DATE	SMD COUPLER, 90°, 500 - 2500 MHz. 350W	
.XX ±.02 [.50] .XXX ±.010 [.254] ANG. ±1/2°	SHEET	OF	SCALE	SIZE	P/N
	1	1	2:1	B	IPP-7147*
					REV. C