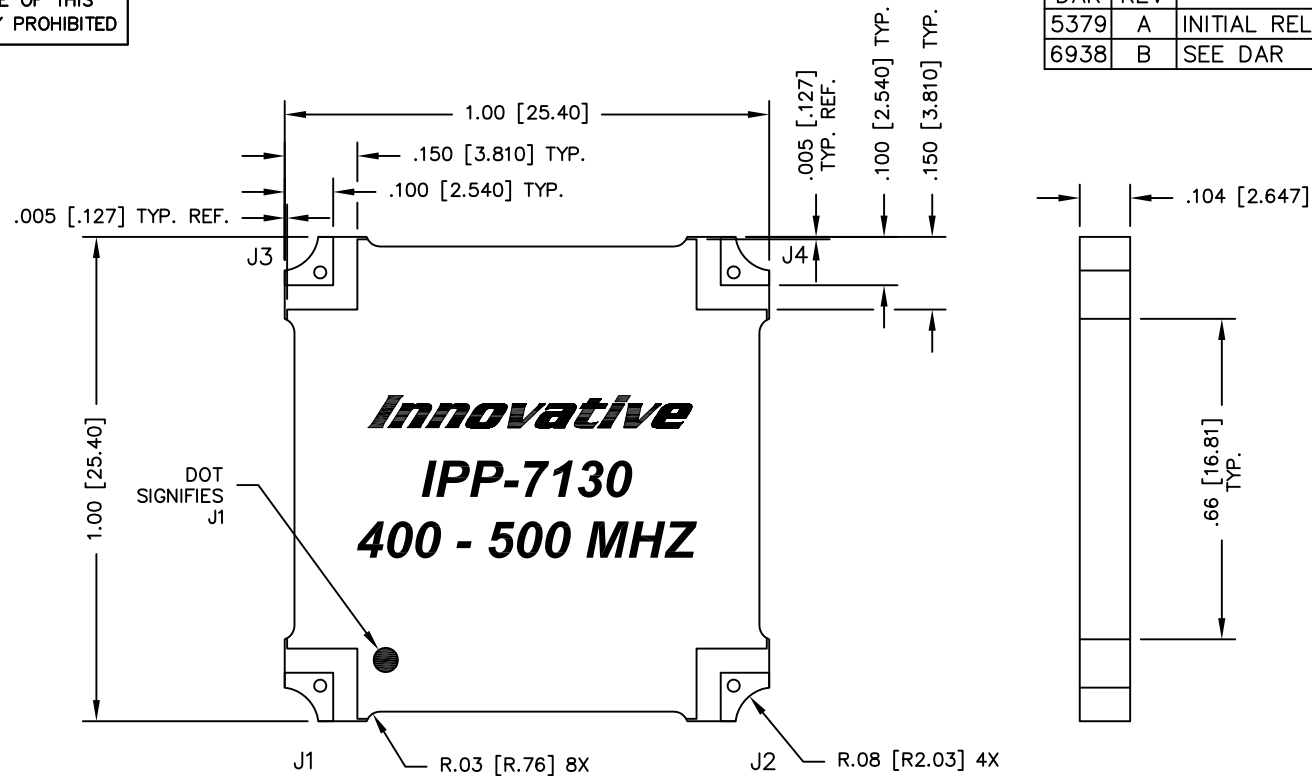


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
5379	A	INITIAL RELEASE	DG	2-15
6938	B	SEE DAR	TJD	10-17



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.

ELECTRICAL SPECIFICATIONS

FREQUENCY:	400 - 500 MHz.
INSERTION LOSS:	<0.20 dB
VSWR:	<1.15:1
ISOLATION:	>25 dB
AMPLITUDE BALANCE:	±0.22 dB
PHASE BALANCE:	±3°
POWER:	350 WATT
TEMPERATURE:	-55°C TO 85°C

FINISH	
P/N	TYPE
IPP-7130	TIN/LEAD
IPP-7130RT	RoHS MATTE TIN
IPP-7130RG	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 S.Cornell	DATE 3-28-14	<i>Innovative</i> <i>Power</i> <i>Products</i>		
		ENG DG	DATE 4-14			
FINISH SEE CHART		MANUF	DATE	TITLE OUTLINE SMD COUPLER, 90°, 400 - 500 MHz. 350W		
		CAGE CODE: 437R2				
TOLERANCE IN [MM]		SHEET 1 OF 1	SCALE 4:1	SIZE B	P/N IPP-7130*	REV. B
.XX ±.02 [.50] .XXX ±.010 [.254] ANG. ±1/2°						