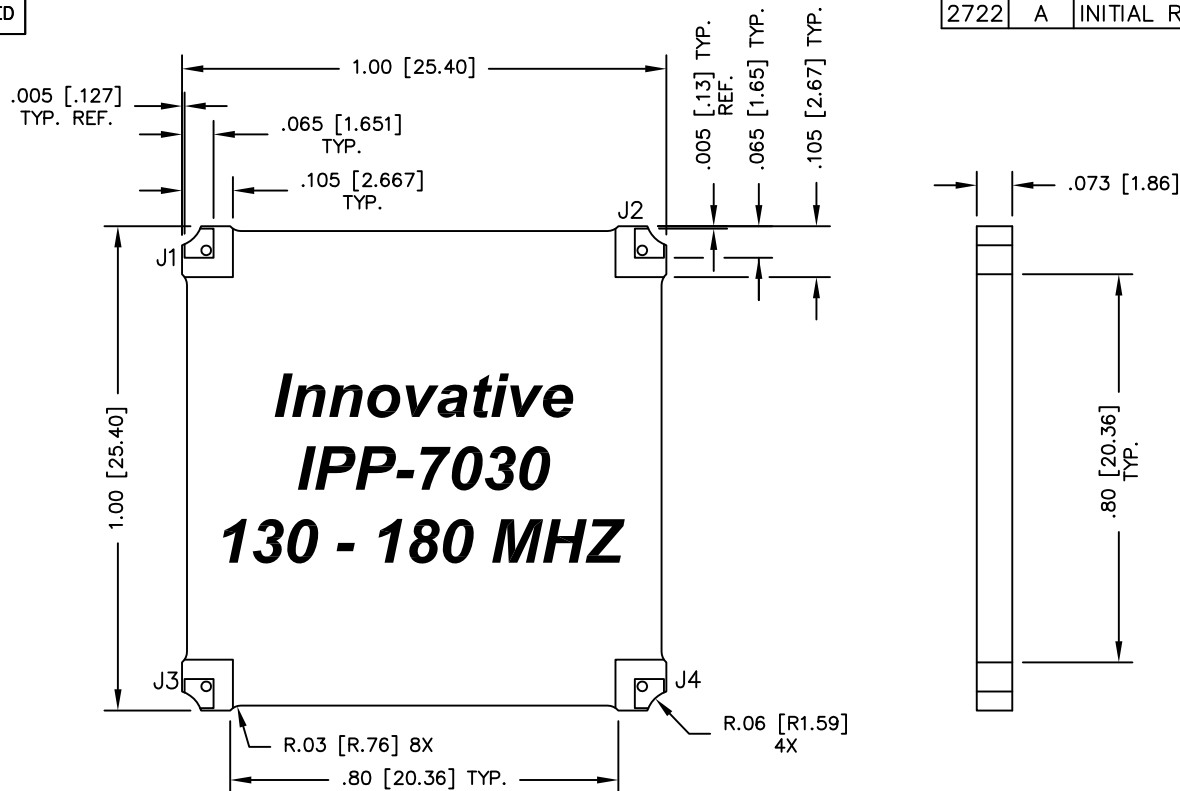


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
2722	A	INITIAL RELEASE	TJD	10-10



FINISH	
P/N	TYPE
IPP-7030	TIN/LEAD
IPP-7030RT	RoHS MATTE TIN
IPP-7030RG	RoHS NICKEL GOLD

NOTES:

1. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
2. PARTS WITH RoHS MATT 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:	130 - 180 MHz.
INSERTION LOSS:	<0.25 dB
VSWR:	<1.25:1
ISOLATION:	>20 dB
AMPLITUDE BALANCE:	±0.25 dB
PHASE BALANCE:	±5°
POWER:	250 WATT
TEMPERATURE:	-55°C TO 85°C

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	10-09	<i>Innovative</i> <i>Power</i> <i>Products</i>		
	ENG	TJD	DATE	10-09			
FINISH SEE CHART	MANUF	TP	DATE	10-09	TITLE OUTLINE		
TOLERANCE IN [MM]	CAGE CODE: 437R2				SMD COUPLER, 90°, 130 - 180 MHz. 250W		
	SHEET 1	OF 1	SCALE 4:1	SIZE B	P/N	IPP-7030*	REV. A