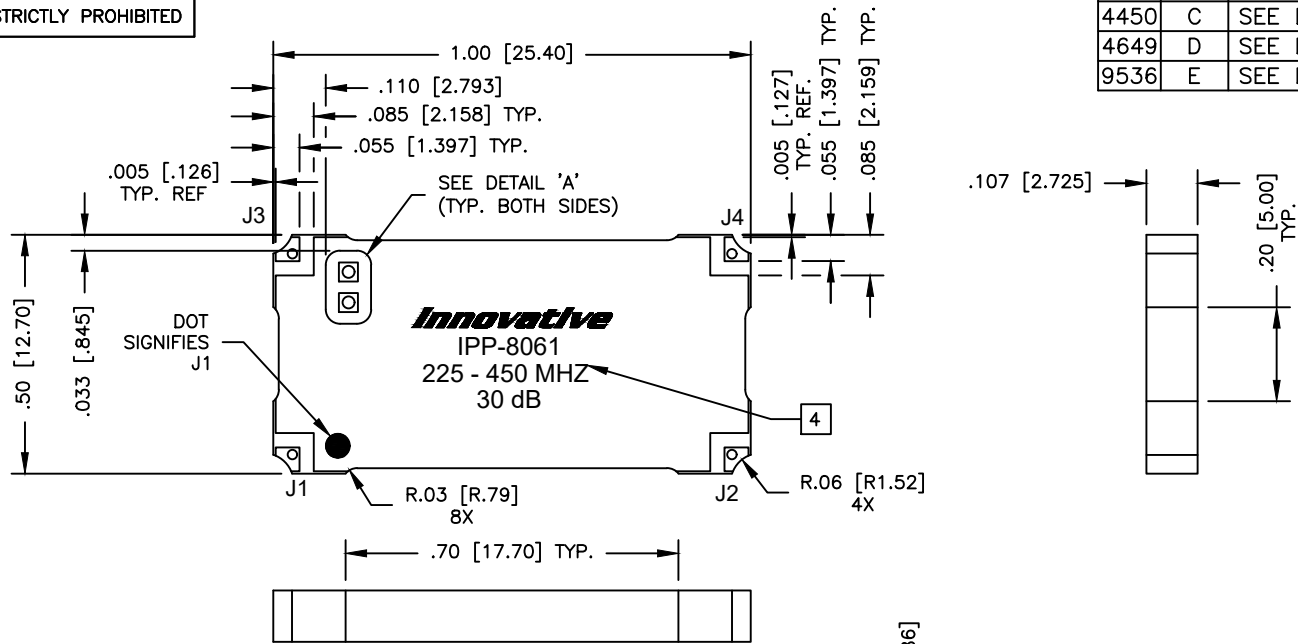


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
4450	C	SEE DAR	DG	7-13
4649	D	SEE DAR	DG	10-13
9536	E	SEE DAR	DG	12-23

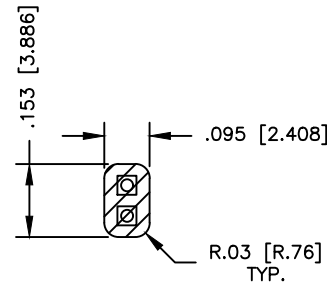


NOTES:

1. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
2. PARTS WITH RoHS MATTE TIN FINISH 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. TEST FIXTURE COFIGURATION/FOOTPRINT AVAILABLE UPON REQUEST.

ELECTRICAL SPECIFICATIONS

FREQUENCY:	225 - 450 MHz.
INSERTION LOSS:	<0.25 dB
MAIN LINE VSWR:	<1.25:1
DIRECTIVITY:	>16 dB
COUPLING:	30.0±1.5dB
COUPLED FLATNESS:	±1.25dB
POWER:	150 WATT
TEMPERATURE:	-55°C TO 85°C



DETAIL 'A'
GROUND NOT
PERMITTED IN
HATCHED AREA

FINISH	
P/N	TYPE
IPP-8061	TIN/LEAD
IPP-8061RT	RoHS MATTE TIN

PORT CONFIGURATION			
INPUT	OUTPUT	FORWARD COUPLED	REFLECTED COUPLED
J1	J2	J3	J4 ADD 50Ω TERMINATION
J1	J2	J3 ADD 50Ω TERMINATION	J4
J2	J1	J4	J3 ADD 50Ω TERMINATION
J2	J1	J4 ADD 50Ω TERMINATION	J3

MATERIAL	DWN DG	DATE 12-11	Innovative Power Products		
FINISH	ENG TJD	DATE 12-11			
SEE FINISH CHART	MANUF	DATE	TITLE OUTLINE, SMD COUPLER BDC, 225-450 MHz. 30dB 150W		
TOLERANCE	CAGE CODE: 437R2		SIZE B	P/N IPP-8061	REV. E
IN [MM]	SHEET 1 OF 1	SCALE 4:1			