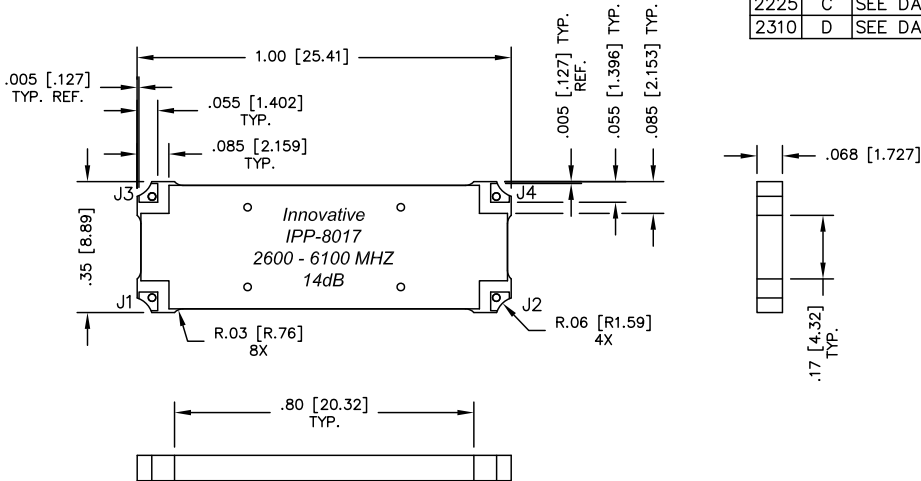


UNAUTHORIZED USE OF THIS DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
2165	A	INITIAL RELEASE	DG	11-09
2171	B	SEE DAR	DG	12-09
2225	C	SEE DAR	TJD	12-09
2310	D	SEE DAR	TJD	2-10



FINISH	
P/N	TYPE
IPP-8017	TIN/LEAD
IPP-8017RT	RoHS MATTE TIN
IPP-8017RG	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:	2600 - 6100 MHz.
INSERTION LOSS:	<0.50 dB
VSWR:	<1.25:1
COUPLING J2-J4:	14dB ±0.75 dB
DIRECTIVITY:	>21 dB
POWER:	100 WATT
TEMPERATURE:	-55°C TO 100°C

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 11-09	
FINISH	ENG TJD	DATE 11-09	
SEE FINISH CHART	MANUF RR	DATE 11-09	
TOLERANCE	CAGE CODE: 437R2		TITLE
.xx ±.02 [.50]	SHEET OF	SCALE 4:1	OUTLINE, SMD COUPLER
IN [MM] .xxx ±.010 [.254]	1 1		SINGLE DIRECTIONAL, 2600 - 6100 MHz. 14dB 100W
ANG. ±1/2°			SIZE P/N
			B IPP-8017
			REV. D