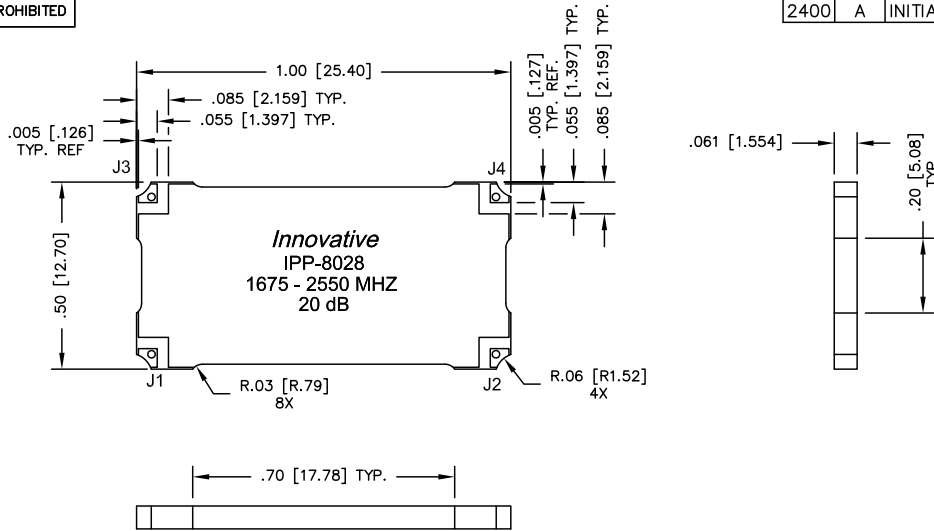


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
2400	A	INITIAL RELEASE	DG	3-10



FINISH	
P/N	TYPE
IPP-8028	TIN/LEAD
IPP-8028RT	RoHS MATTE TIN
IPP-8028RG	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:	1675 – 2550 MHz.
INSERTION LOSS:	<0.30 dB
VSWR:	<1.25:1
COUPLING:	20.0dB ±0.50 dB
DIRECTIVITY:	>20 dB
POWER:	150 WATT
TEMPERATURE:	-55°C TO +85°C
COUPLED FLATNESS:	±0.5dB

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 3-10	Innovative Power Products
FINISH SEE FINISH CHART	ENG TJD	DATE 3-10	
TOLERANCE .xx ±.02 [.50] IN [MM] .xxx ±.010 [.254] ANG. ±1/2°	MANUF	DATE	TITLE OUTLINE, SMD COUPLER SDC, 1675-2550 MHz. -20dB 150W
	CAGE CODE: 437R2	SCALE 4:1	SIZE B P/N IPP-8028
	SHEET 1 OF 1		REV. A