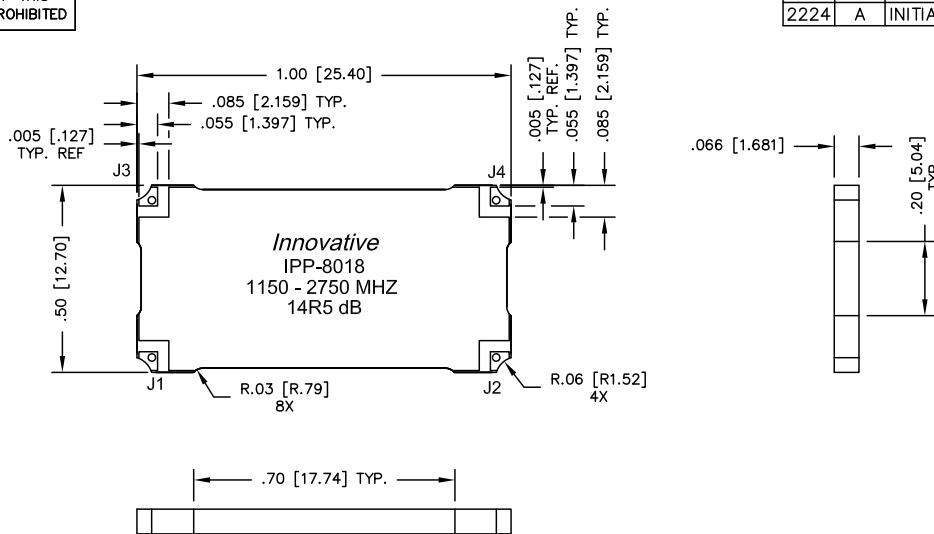


UNAUTHORIZED USE OF THIS  
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
2224	A	INITIAL RELEASE	TJD	1-10



FINISH	
P/N	TYPE
IPP-8018	TIN/LEAD
IPP-8018RT	RoHS MATTE TIN
IPP-8018RG	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:	1150 – 2750 MHz.
INSERTION LOSS:	<0.40 dB
VSWR:	<1.25:1
COUPLING:	14.5dB ±0.75 dB
DIRECTIVITY:	>20 dB
POWER:	150 WATT
TEMPERATURE:	-55°C TO +85°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	<b>Innovative</b> <i>Power</i> <b>Products</b>
FINISH	ENG TJD	DATE 11-09	
SEE FINISH CHART	MANUF RR	DATE 11-09	TITLE
TOLERANCE	CAGE CODE: 437R2		OUTLINE, SMD COUPLER
.xx ±.02 [.50]	SHEET OF	SCALE	SDC, 1150-2750 MHz. -14.5dB 150W
IN [MM] .xxx ±.010 [.254]	1 1	4:1	SIZE
ANG. ±1/2°			B P/N
			IPP-8018
			REV.
			A