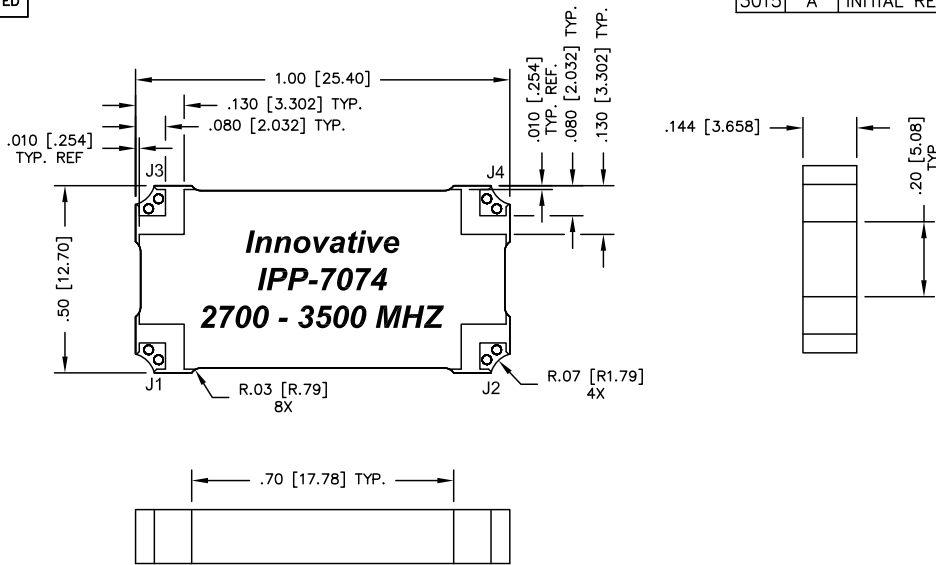


UNAUTHORIZED USE OF THIS  
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
3015	A	INITIAL RELEASE	TJD	3-11



FINISH	
P/N	TYPE
IPP-7074	TIN/LEAD
IPP-7074RT	RoHS MATTE TIN
IPP-7074RG	RoHS NICKEL GOLD

**NOTES:**

1. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
2. PARTS WITH RoHS MATTE 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: 2700 - 3500 MHz.  
 INSERTION LOSS: < 0.20 dB  
 VSWR: < 1.30:1  
 ISOLATION: > 18 dB  
 AMPLITUDE BALANCE: ±0.25 dB  
 PHASE BALANCE: ±5°  
 POWER: 300 WATT  
 TEMPERATURE: -55°C TO 85°C

PORT CONFIGURATION				
INPUT	A	B	C	D
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 3-11	<b>Innovative</b> <i>Power</i> <b>Products</b>
FINISH	ENG TJD	DATE 3-11	
SEE FINISH CHART	MANUF	DATE	TITLE
TOLERANCE	CAGE CODE: 437R2		OUTLINE
.xx ±.02 [.50]	SHEET 1 OF 1	SCALE 4:1	SMD COUPLER, 90°, 2700 - 3500 MHz. 300W
.xxx ±.010 [.254]			SIZE B P/N IPP-7074*
ANG. ±1/2°			REV. A