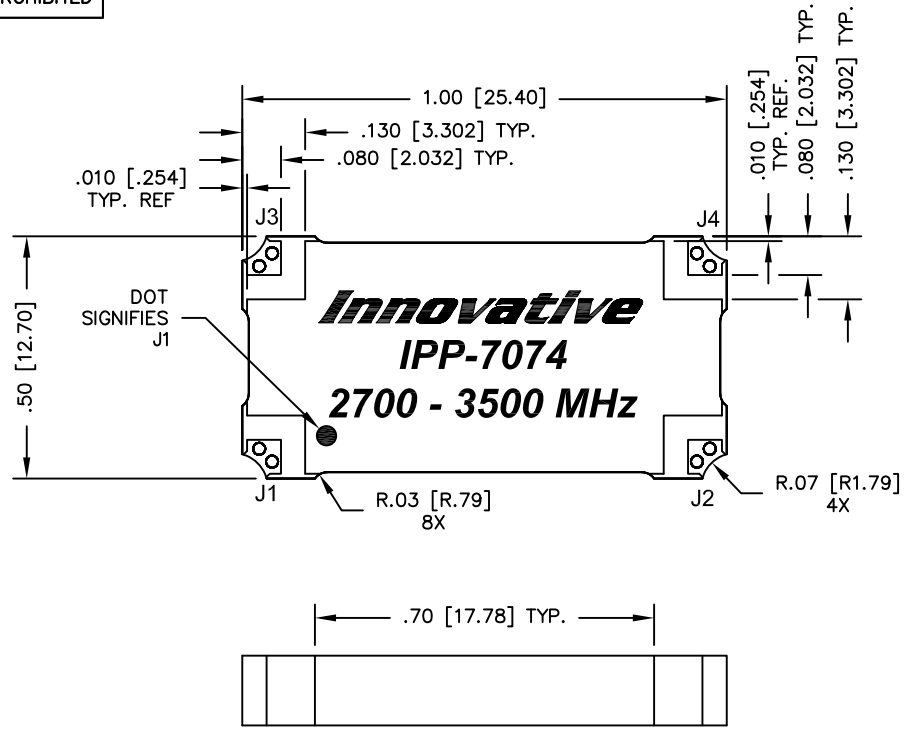


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
3015	A	INITIAL RELEASE	TJD	3-11
3839	B	SEE DAR	DG	8-12
3871	C	SEE DAR	DG	8-12
3930	D	SEE DAR	TJD	9-12



FINISH	
P/N	TYPE
IPP-7074	TIN/LEAD
IPP-7074RT	RoHS MATTE TIN
IPP-7074RC	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.

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	--

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

MATERIAL	DWN DG	DATE 3-11			
FINISH SEE FINISH CHART	ENG TJD	DATE 3-11			
TOLERANCE	MANUF	DATE	TITLE OUTLINE		
IN [MM]	CAGE CODE: 437R2		SMD COUPLER, 90°, 2700 - 3500 MHz. 300W		
.XX ±.02 [.50] .XXX ±.010 [.254] ANG. ±1/2°	SHEET OF 1 1	SCALE 4:1	SIZE B	P/N IPP-7074*	REV. D