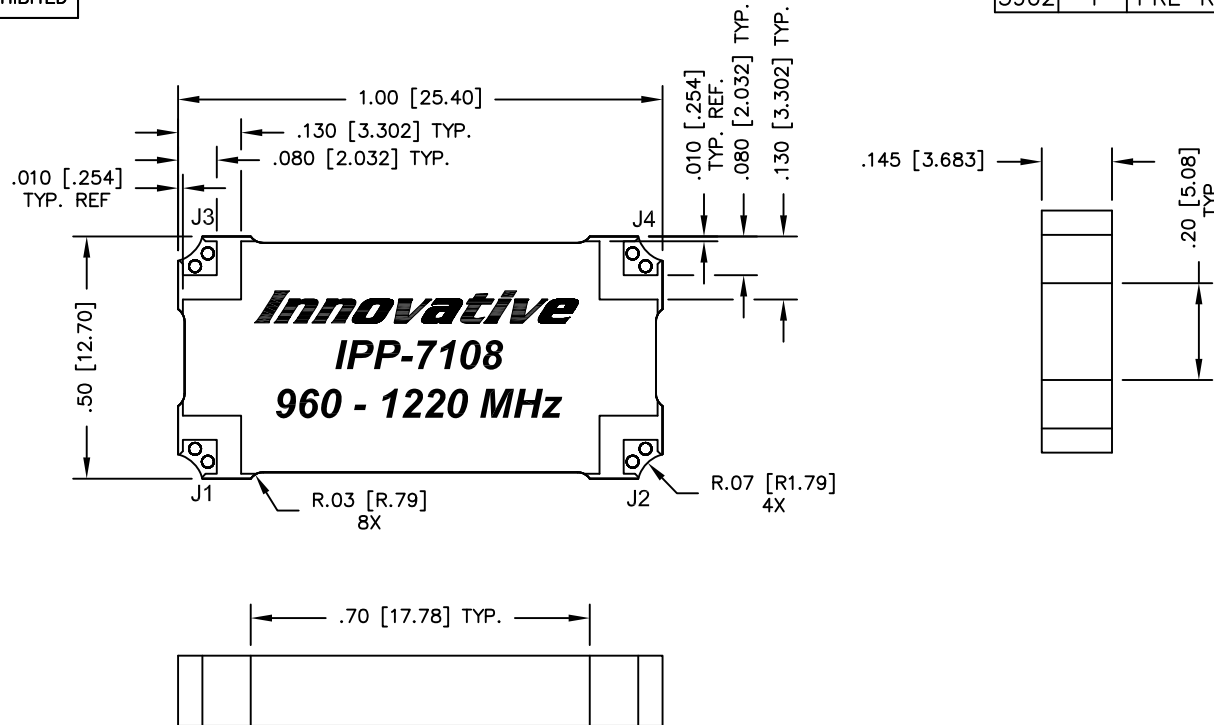


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
3902	1	PRE-RELEASE	DG	9-12



PRELIMINARY

DIMENSIONS AND SPECIFICATIONS
ARE SUBJECT TO CHANGE UNTIL
INITIAL RELEASE OF DRAWING.

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: 960 - 1220 MHz.
INSERTION LOSS: < 0.20 dB
VSWR: < 1.25:1
ISOLATION: > 20 dB
AMPLITUDE BALANCE: ± 0.20 dB
PHASE BALANCE: $\pm 3^\circ$
POWER: 300 WATT
TEMPERATURE: -55°C TO 85°C

FINISH	
P/N	TYPE
IPP-7108	TIN/LEAD
IPP-7108RT	RoHS MATTE TIN
IPP-7108RC	RoHS NICKEL GOLD

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 S.Cornell	DATE	9-5-12	Innovative <i>Power</i> Products		
	ENG DG	DATE	9-12			
FINISH SEE FINISH CHART	MANUF	DATE		TITLE OUTLINE		
	CAGE CODE: 437R2			SMD COUPLER, 90°, 960 - 1220 MHz. 300W		
TOLERANCE	.XX $\pm .02$ [.50] .XXX $\pm .010$ [.254] ANG. $\pm 1/2^\circ$	SHEET 1 OF 1	SCALE 4:1	SIZE B	P/N IPP-7108*	REV. 1
IN [MM]						