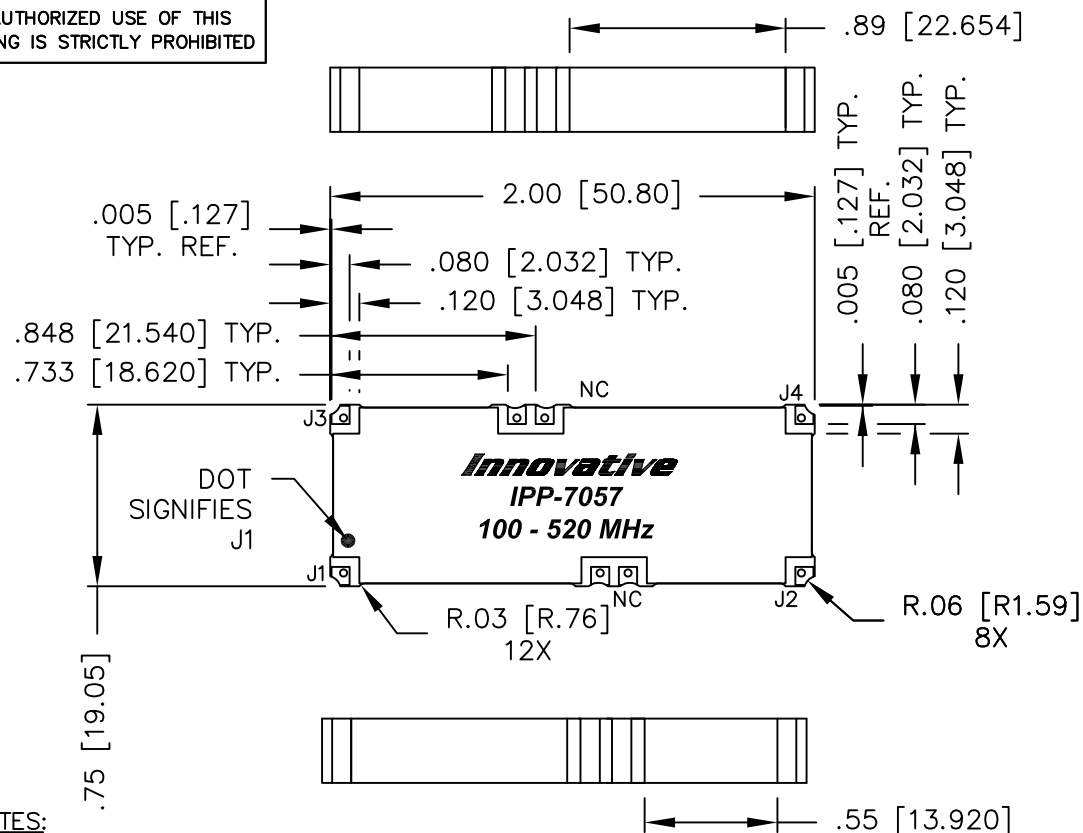


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

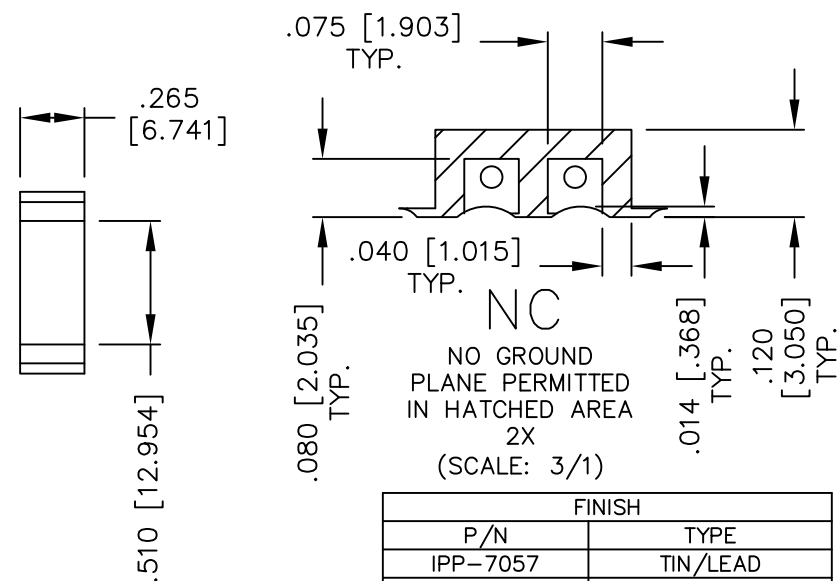


- NOTES:**
1. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
 2. PARTS WITH RoHS MATTE TIN AND RoHS NICKEL GOLD FINISHES ARE RoHS COMPLIANT.
 3. AVAILABLE IN TAPE AND REEL. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.

ELECTRICAL SPECIFICATIONS

FREQUENCY: 100 — 520 MHz.
 INSERTION LOSS: <0.60 dB
 VSWR: <1.30: 1
 ISOLATION: >16dB
 AMPLITUDE BALANCE: ±0.8dB
 PHASE BALANCE: ±7°
 POWER: 200 WATT
 TEMPERATURE: -55°C TO 85°C

DAR	REV	DESCRIPTION	APPVD	DATE
3709	A	INITIAL RELEASE	DG	6-12
3717	B	SEE DAR	DG	6-12
3805	C	SEE DAR	DG	7-12
3947	D	SEE DAR	DG	10-12
4334	E	SEE DAR	DG	6-13
4778	F	SEE DAR	DG	2-14



FINISH	
P/N	TYPE
IPP-7057	TIN/LEAD
IPP-7057RT	RoHS MATTE TIN
IPP-7057RG	RoHS NICKEL GOLD

PORT CONFIGURATION				
INPUT	J1	J2	J3	J4
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 4-27-10			
FINISH		ENG DG	DATE 1-11			
SEE CHART		MANUF	DATE	TITLE OUTLINE		
TOLERANCE		CAGE CODE: 437R2		SMD COUPLER, 90°, 100 - 520 MHZ. 200W		
.XX ±.02 [.50] IN [MM] .XXX ±.010 [.254] ANG. ±1/2°		SHEET 1 OF 1	SCALE 2:1	SIZE B	P/N IPP-7057*	REV. F