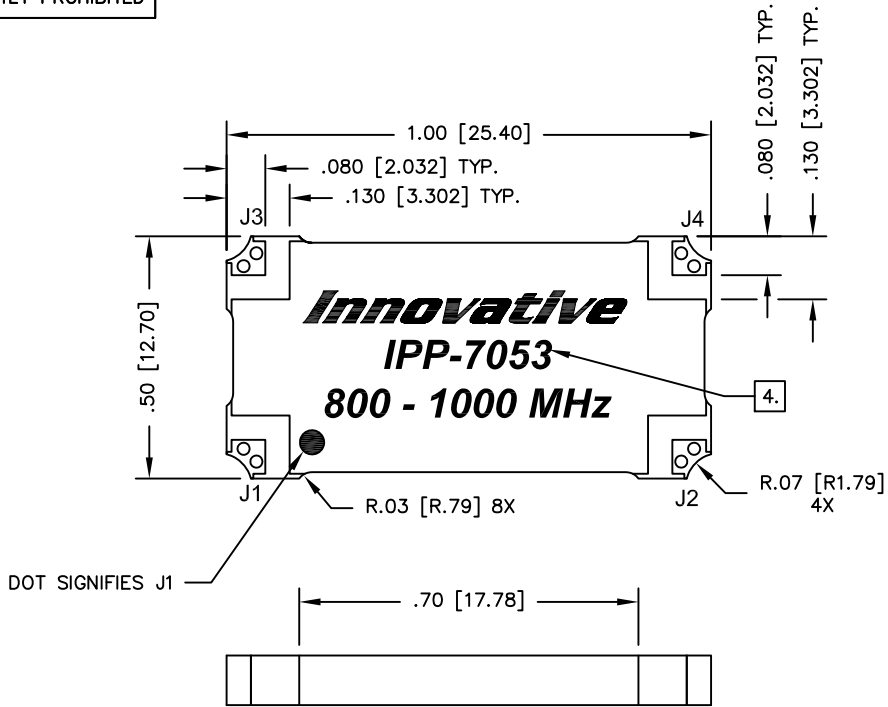


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
4554	A	INITIAL RELEASE	TJD	9-13
4569	B	SEE DAR	DG	9-13
7125	C	SEE DAR	DG	4-18



NOTES:

- SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
- PARTS WITH RoHS MATTE TIN AND RoHS NICKEL GOLD FINISHES ARE RoHS COMPLIANT.
- AVAILABLE IN TAPE AND REEL. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
- SEE CHART FOR PART NUMBER AND FINISH.

ELECTRICAL SPECIFICATIONS

FREQUENCY: 800 - 1000 MHz.
 INSERTION LOSS: < 0.15 dB
 VSWR: < 1.25:1
 ISOLATION: > 20 dB
 AMPLITUDE BALANCE: ±0.30 dB
 PHASE BALANCE: ±5°
 POWER: 300 WATT
 TEMPERATURE: -55°C TO 85°C

FINISH	
P/N	TYPE
IPP-7053	TIN/LEAD
IPP-7053RT	RoHS MATTE TIN
IPP-7053RG	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 DG	DATE 4-10				
FINISH	ENG TJD	DATE 4-10				
SEE FINISH CHART	MANUF	DATE	TITLE OUTLINE			
TOLERANCE	CAGE CODE: 437R2		SMD COUPLER, 90°, 800 - 1000 MHz 300W			
IN [MM]	SHEET 1	OF 1	SCALE 4:1	SIZE B	P/N IPP-7053*	REV. C