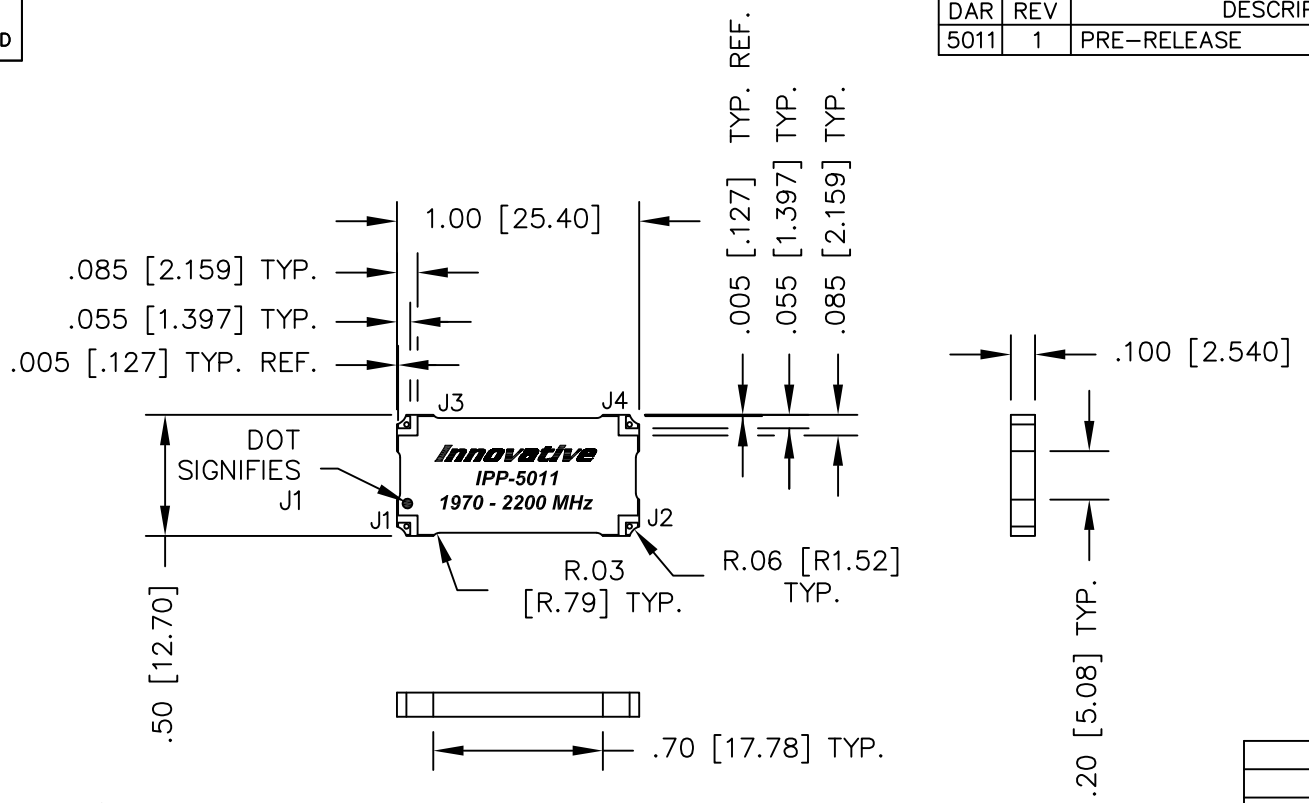
UNAUTHORIZED USE OF THIS DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
5011	1	PRE-RELEASE	TJD	11-14

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 ARE RoHS COMPLIANT.
3. AVAILABLE IN TAPE AND REEL. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.

ELECTRICAL SPECIFICATIONS

FREQUENCY:	1970 – 2200 MHz.
INSERTION LOSS:	<0.30 dB
VSWR:	<1.30:1
ISOLATION:	>18dB
AMPLITUDE BALANCE:	±0.30dB
PHASE BALANCE:	±10°
POWER:	150 WATT
TEMPERATURE:	–55°C TO 85°C

FINISH	
P/N	TYPE
IPP-5011	TIN/LEAD
IPP-5011RT	RoHS MATTE TIN

PORT CONFIGURATION				
INPUT	J1	J2	J3	J4
J1	---	ISOLATION	–3dB<0 DEG	–3dB<180 DEG
J2	ISOLATION	---	–3dB<–90 DEG	–3dB<–90 DEG
J3	–3dB<0 DEG	–3dB<–90 DEG	---	ISOLATION
J4	–3dB<–90 DEG	–3dB<0 DEG	ISOLATION	---

MATERIAL ———	DWN DG	DATE 11-14	Innovative Power Products
FINISH SEE FINISH CHART	ENG TJD	DATE 11-14	TITLE OUTLINE SMD COUPLER, 180°, 1970 - 2200 MHz. 150W
TOLERANCE IN [MM] .XX ±.02 [.50] .XXX ±.010 [.254] ANG. ±1/2°	MANUF	DATE	
	CAGE CODE: 437R2		
	SHEET 1 OF 1	SCALE 2:1	SIZE B / P/N IPP-5011* / REV. 1