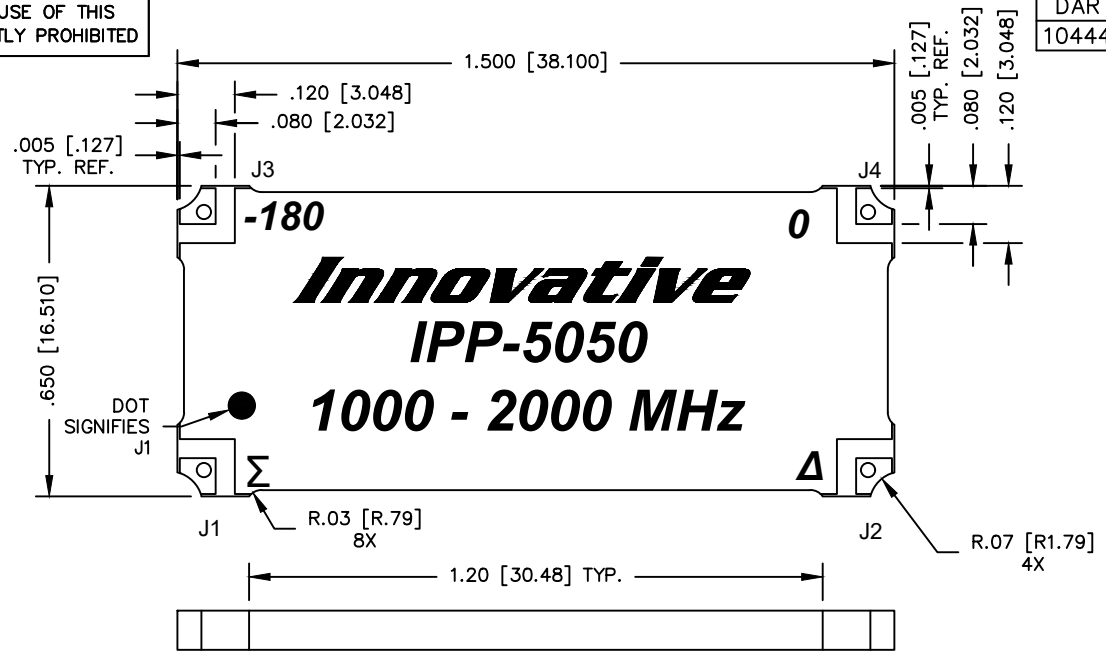
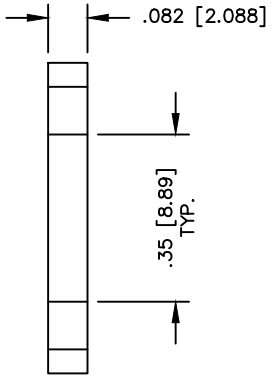
UNAUTHORIZED USE OF THIS DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
10444	A	INITIAL RELEASE	DG	7–26





NOTES:
1. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
2. PARTS WITH RoHS MATTE TIN FINISH ARE RoHS AND REACH COMPLIANT.
3. AVAILABLE IN TAPE AND REEL. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
4. SEE CHART FOR PART NUMBER AND FINISH.
5. DATA AND SPECIFICATIONS APPLY WHEN PART IS MOUNTED IN IPP TEST FIXTURE. TEST FIXTURE CONFIGURATION/FOOTPRINT AVAILABLE UPON REQUEST.

ELECTRICAL SPECIFICATIONS

FREQUENCY:	1000 – 2000 MHz.
INSERTION LOSS:	<0.50 dB
VSWR:	<1.35:1
ISOLATION:	>17 dB
AMPLITUDE BALANCE:	±0.5 dB
PHASE BALANCE:	±10°
POWER:	200 WATT
TEMPERATURE:	–55°C TO 85°C

FINISH		
P/N	TYPE	COMPLIANCE
IPP–5050	TIN/LEAD	---
IPP–5050RT	MATTE TIN	RoHS & REACH

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

MATERIAL	DWN DG	DATE 5-26	Innovative Power® Products
FINISH SEE FINISH CHART	ENG TP	DATE 5-26	TITLE OUTLINE SMD COUPLER, 180°, 1000 - 2000 MHz. 200W
TOLERANCE IN [MM] .XX ±.02 [.50] .XXX ±.010 [.254] ANG. ±1/2°	MANUF	DATE	SIZE B / P/N IPP-5050 / REV. A
	CAGE CODE: 437R2		
	SHEET 1 OF 1	SCALE 4:1	