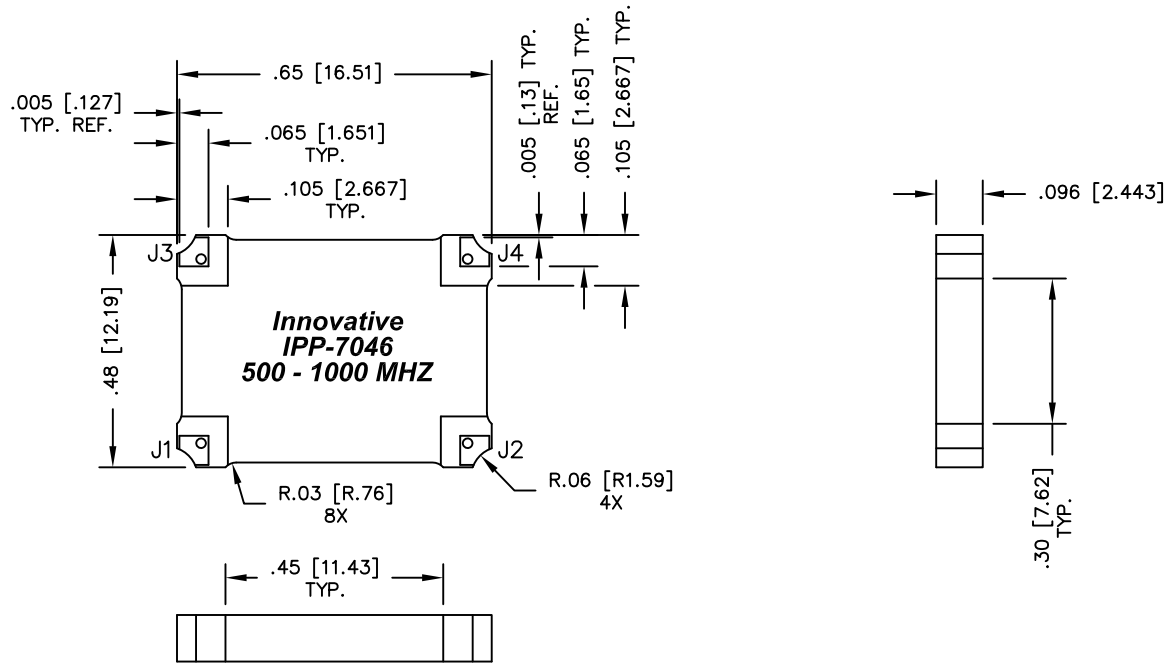


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
2359	A	INITIAL RELEASE	DG	3-10
2429	B	SEE DAR	DG	4-10



FINISH	
P/N	TYPE
IPP-7046	TIN/LEAD
IPP-7046RT	RoHS MATTE TIN
IPP-7046RG	RoHS NICKEL GOLD

NOTES:

1. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
2. PARTS WITH RoHS MATT 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:	500 - 1000 MHz.
INSERTION LOSS:	<0.25 dB
VSWR:	<1.25:1
ISOLATION:	>18 dB
AMPLITUDE BALANCE:	±0.55 dB
PHASE BALANCE:	±5°
POWER:	150 WATT
TEMPERATURE:	-55°C TO 85°C

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 3-8-10	Innovative <i>Power</i> Products			
FINISH SEE FINISH CHART	ENG DG	DATE 3-10				
TOLERANCE	CAGE CODE: 437R2		TITLE OUTLINE SMD COUPLER, 90°, 500 - 1000 MHz. 150W			
IN [MM]	.XX ±.02 [.50] .XXX ±.010 [.254] ANG. ±1/2°	SHEET OF 1 1	SCALE 4:1	SIZE B	P/N IPP-7046*	REV. B