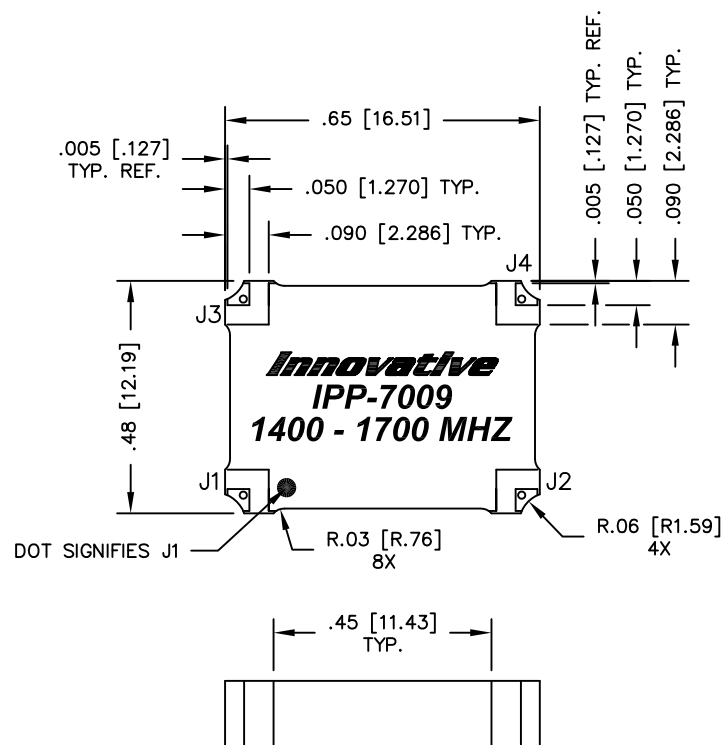
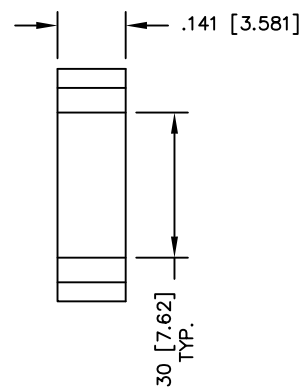


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED



DAR	REV	DESCRIPTION	APPVD	DATE
2273	A	INITIAL RELEASE	TJD	1-10
2410	B	SEE DAR	DG	4-10
3701	C	SEE DAR	TJD	5-12
3723	D	SEE DAR	DG	6-12
4040	E	SEE DAR	DG	11-12



FINISH	
P/N	TYPE
IPP-7009	TIN/LEAD
IPP-7009RT	RoHS MATTE TIN
IPP-7009RG	RoHS NICKEL GOLD

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:	1400 – 1700 MHz.
INSERTION LOSS:	<0.20 dB
VSWR:	<1.25:1
ISOLATION:	>20 dB
AMPLITUDE BALANCE:	±0.35 dB
PHASE BALANCE:	±5°
POWER:	200 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	DG	DATE	12-08			
		ENG	TJD	DATE	12-08			
FINISH SEE FINISH CHART		MANUF	TP	DATE	12-08	TITLE SMD COUPLER, 90°, 1400 - 1700 MHz. 200W		
TOLERANCE		CAGE CODE: 437R2				SIZE P/N		
.XX ±.02 [.50] IN [MM] .XXX ±.010 [.254] ANG. ±1/2°		SHEET 1	OF 1	SCALE 4:1	IPP-7009*			REV. E