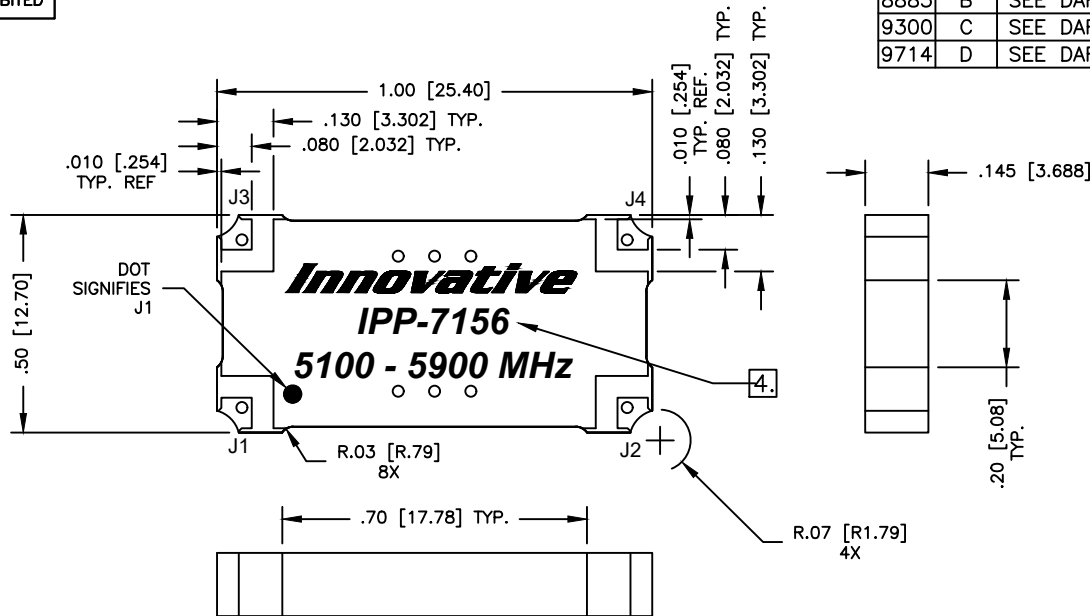


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED



DAR	REV	DESCRIPTION	APPVD	DATE
8883	B	SEE DAR	DG	1-22
9300	C	SEE DAR	DG	5-23
9714	D	SEE DAR	DG	5-24

NOTES:

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

ELECTRICAL SPECIFICATIONS

FREQUENCY: 5100 - 5900 MHz.
INSERTION LOSS: <0.40 dB
VSWR: <1.35:1
ISOLATION: >15 dB
AMPLITUDE BALANCE: ±0.25 dB
PHASE BALANCE: ±6°
POWER: 300 WATT CW, 1000 W PEAK @
500 US PW 20% DC
TEMPERATURE: -55°C TO 85°C

FINISH	
P/N	TYPE
IPP-7156	TIN/LEAD
IPP-7156RT	RoHS MATTE TIN

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 9-7-17	<i>Innovative</i> ^{Power}® Products			
		ENG DG	DATE 9-17				
FINISH TIN/LEAD		MANUF	DATE	TITLE OUTLINE SMD COUPLER, 90°, 5100 - 5900 MHz. 300W			
		CAGE CODE: 437R2					
TOLERANCE IN [MM] .XX ±.02 [.50] .XXX ±.010 [.254] ANG. ±1/2°		SHEET 1	OF 1	SCALE 4:1	SIZE	P/N	REV.
					B	IPP-7156	D