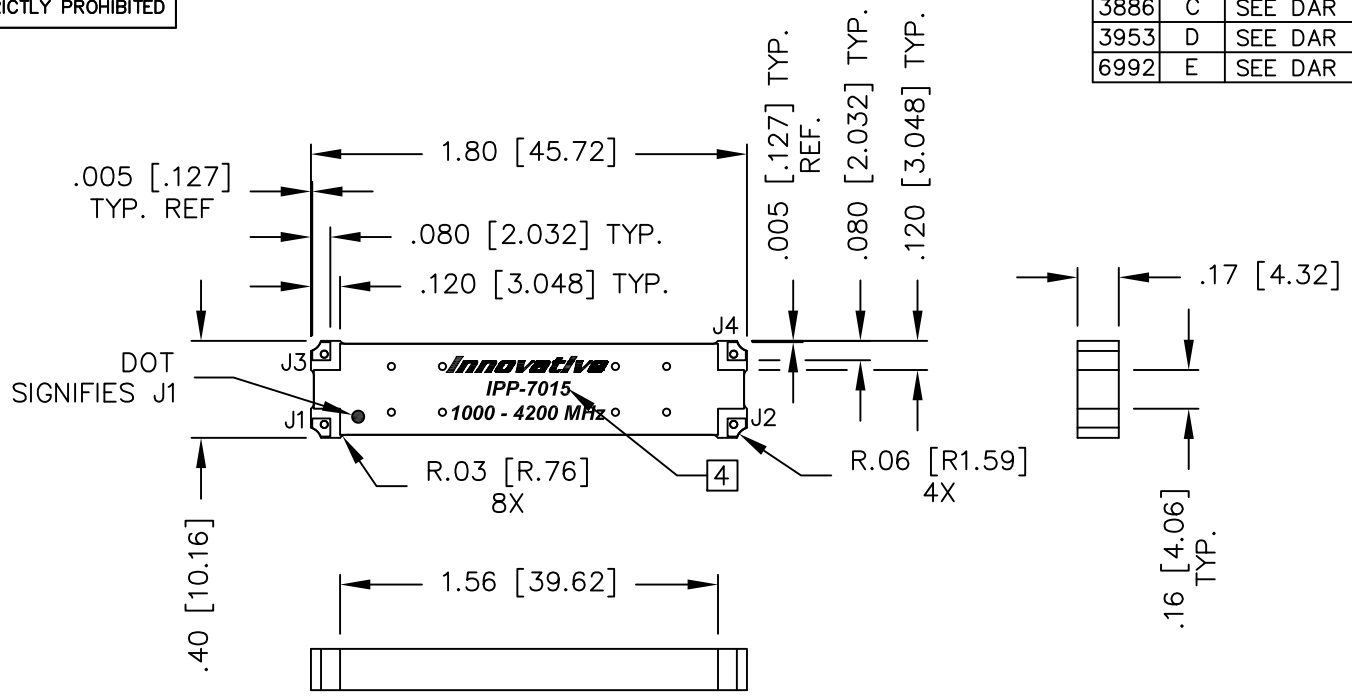


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
3886	C	SEE DAR	DG	8-12
3953	D	SEE DAR	DG	10-12
6992	E	SEE DAR	DG	12-17



- NOTES:**
- SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
 - PARTS WITH RoHS MATTE TIN AND RoHS NICKEL GOLD FINISHES ARE RoHS COMPLIANT.
 - AVAILABLE IN TAPE AND REEL. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
 - SEE CHART FOR PART NUMBER AND FINISH.

ELECTRICAL SPECIFICATIONS

FREQUENCY: 1000 - 4200 MHz.
 INSERTION LOSS: <0.50 dB
 VSWR: <1.30:1
 ISOLATION: >18dB
 AMPLITUDE BALANCE: ±0.60dB
 PHASE BALANCE: ±5°
 POWER: 80 WATT
 TEMPERATURE: -55°C TO 85°C

FINISH	
P/N	TYPE
IPP-7015	TIN/LEAD
IPP-7015RT	RoHS MATTE TIN
IPP-7015RG	RoHS NICKEL GOLD

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 5-19-09	Innovative <i>Power</i> Products		
FINISH	ENG TJD	DATE 5-19-09			
SEE FINISH CHART	MANUF RR	DATE 5-19-09	TITLE OUTLINE SMD COUPLER, 90°, 1000 - 4200 MHz. 80W		
TOLERANCE	CAGE CODE: 437R2		SIZE	P/N	REV.
IN [MM]	.XX ±.02 [.50] .XXX ±.010 [.254] ANG. ±1/2°	SHEET OF 1 1	SCALE 2:1	B IPP-7015*	E