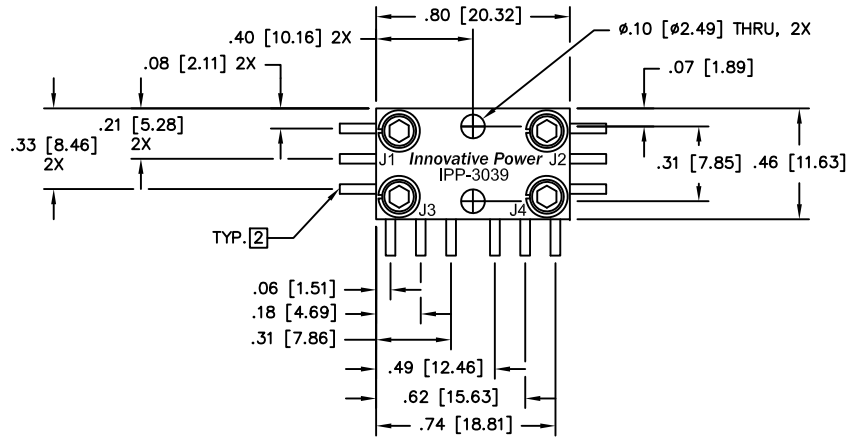


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
1393	A	INITIAL RELEASE	TJD	1-08
1402	B	DIM .23 WAS .25, DIM .38 WAS .51	TJD	2-08
1430	C	INSERTION LOSS WAS 0.30, REMOVED (6) GROUND LEADS	DG	4-08
1434	D	ADDED GROUND LEADS	DG	4-08
1453	E	UPDATED DESCRIPTION	DG	6-08

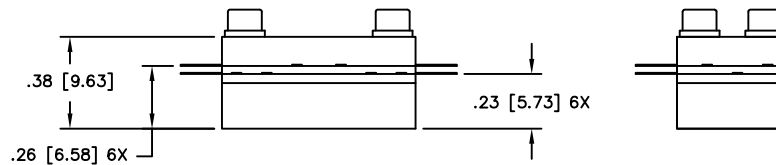


NOTES

- J1 - J4: 0.040 [1.016] X 0.005 [.127] SILVER TABS
- GND: 0.040 [1.016] X 0.005 [.127] SILVER TABS
- ALL TABS 0.15 [3.81] MIN. LONG.

ELECTRICAL SPECIFICATIONS

FREQUENCY:	2000 - 6000 MHz.
INSERTION LOSS:	<0.40dB
VSWR:	<1.30:1
MEAN COUPLING:	20.0 ±1.0dB
DIRECTIVITY:	>15dB
COUPLED FLATNESS:	±1.80dB
POWER:	100 WATT



J1: INPUT
J2: OUTPUT
J3: -20dB, (FWD COUPLED)
J4: -20dB, (REFL. COUPLED)

MATERIAL AL. ALLOY 6061-T651	DWN	DG	DATE	1-08	Innovative <i>Power</i> Products				
	ENG	TJD	DATE	1-08					
FINISH CHEM FILM CLEAR IRRIDITE	MANUF	TP	DATE	1-08		TITLE	SINGLE DIRECTIONAL COUPLER 2000 - 6000 MHz. 100 WATT, 20 dB		
	CAGE CODE: 437R2				SIZE	P/N	IPP-3039	REV.	E
TOLERANCE .XX ±.02 .XXX ±.010 ANG. ±1/2°	SHEET	OF	SCALE	2:1					
				1	1				