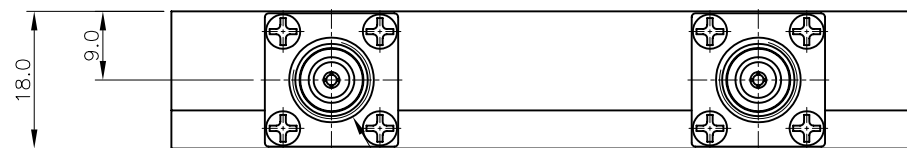
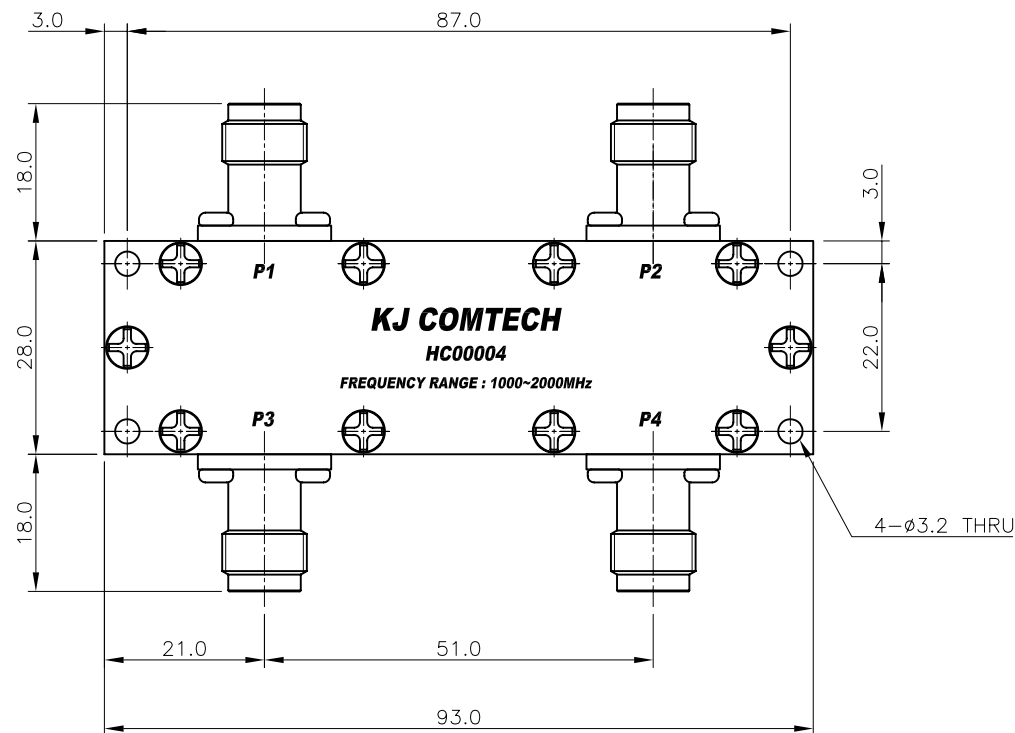


REVISION		
REV	DESCRIPTION	DATE
IR	Initial Registration	2009.03.05.



4-TNC Female



* ELECTRICAL SPECIFICATIONS

Frequency Range : 1000~2000 MHz

Insertion Loss (Max.) : 3 ± 0.8 dB

All Port V.S.W.R (Max.) : 1.2 : 1

Isolation (Min.) : 20.0 dB

Phase Unbalance (Max.) : $90 \pm 5.0^\circ$

Amplitude Unbalance (Max.) : ± 0.5 dB

Power : 300 W

Impedance : 50Ω

* ENVIRONMENTAL SPECIFICATIONS

Operating temperature : $-54 \sim +71^\circ\text{C}$

* MECHANICAL SPECIFICATIONS

Housing : A6061 T6 (White Chromate)

Connector : MBsBD (Nickel Plate)

Connector pin : Beryllium Copper (Gold Plate)

* 90° HYBRID COUPLER PORT TRUTH TABLE

	P1	P2	P3	P4
CASE 1.	INPUT	ISOLATED	$-3\text{dB } 0^\circ$	$-3\text{dB } 90^\circ$
CASE 2.	ISOLATED	INPUT	$-3\text{dB } 90^\circ$	$-3\text{dB } 0^\circ$
CASE 3.	$-3\text{dB } 0^\circ$	$-3\text{dB } 90^\circ$	INPUT	ISOLATED
CASE 4.	$-3\text{dB } 90^\circ$	$-3\text{dB } 0^\circ$	ISOLATED	INPUT

TOLERANCE	Decimal	DATE			 RF & MICROWAVE TECHNOLOGY Tel : 82-32-347-8015 Fax : 82-32-347-8017		
	± 0.3	2009. 3. 5.					
	Angle	APPROVED BY			J.H.YOUN		
MATERIAL	$\pm 1^\circ$	CHECKED BY			TITLE 90°HYBRID COUPLER		
		M.H.LEE					
	A6061 T6	DRAWN BY			K.I.CHO		
FINISH White Chromate		SCALE	UNIT		A4	DWG NO.	HC00004-7/1
		1/1	mm			REVISION	A