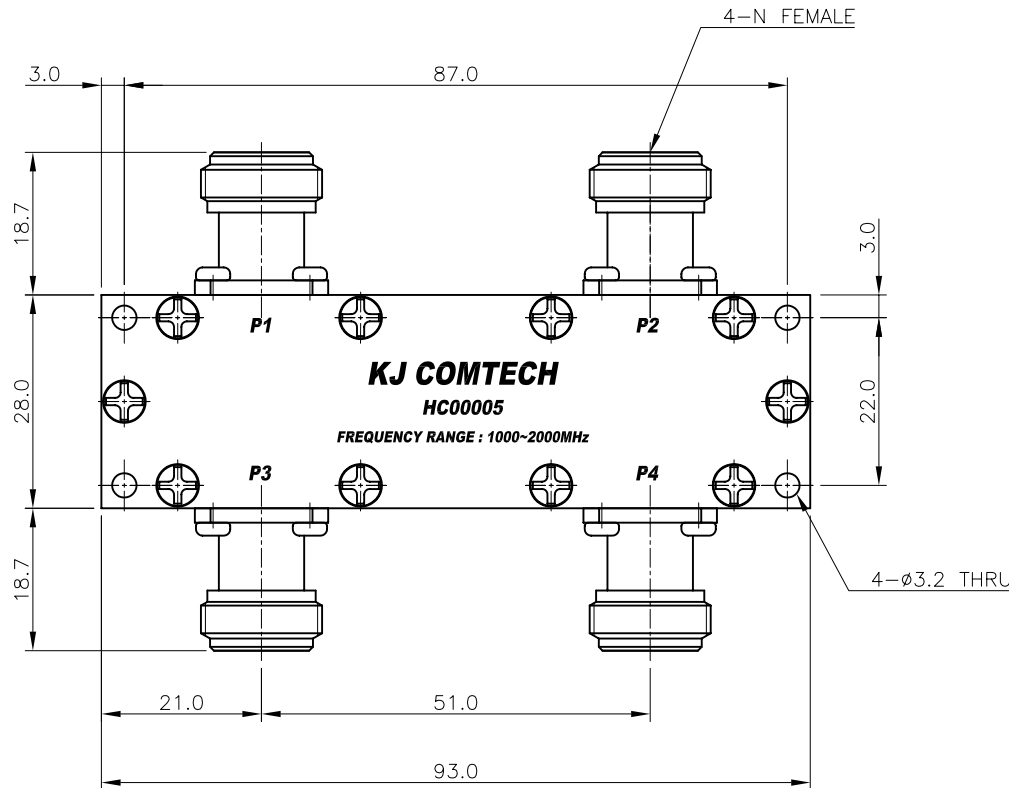
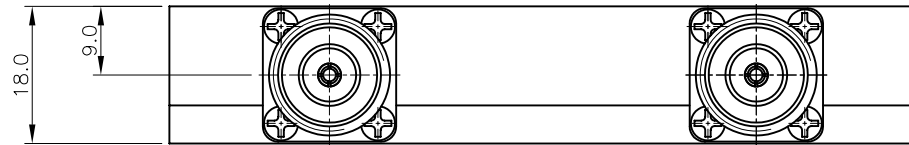


REVISION		
REV	DESCRIPTION	DATE
IR	Initial Registration	2009.03.23.



* 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 : 400 W
 Impedance : 50Ω

* ENVIRONMENTAL SPECIFICATIONS
 Operating temperature : $-54 \sim +84^\circ\text{C}$

* MECHANICAL SPECIFICATIONS
 Housing : Aluminium (White Chromate)
 Connector : Stainless Steels (Passivated)
 Connector pin : Beryllium Copper (Gold Plate)

*** 90° HYBRID COUPLER PORT TRUTH TABLE**

	P1	P2	P3	P4
CASE 1.	INPUT	ISOLATED	-3dB 0°	-3dB 90°
CASE 2.	ISOLATED	INPUT	-3dB 90°	-3dB 0°
CASE 3.	-3dB 0°	-3dB 90°	INPUT	ISOLATED
CASE 4.	-3dB 90°	-3dB 0°	ISOLATED	INPUT

TOLERANCE	Decimal ± 0.3	DATE 2009. 4. 1.		 KJ COMTECH CO.,LTD. RF & MICROWAVE TECHNOLOGY Tel : 82-32-347-8015 Fax : 82-32-347-8017
	Angle $\pm 1^\circ$	APPROVED BY	J.H.YOUN	
MATERIAL	A6061 T6	CHECKED BY	M.H.LEE	TITLE 90° HYBRID COUPLER
		DRAWN BY	K.I.CHO	
FINISH DIC-183 (Texture)		SCALE	1/1	DWG NO. HC00005-7/1 REVISION I R SHEET 1 of 1
		UNIT	mm	

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