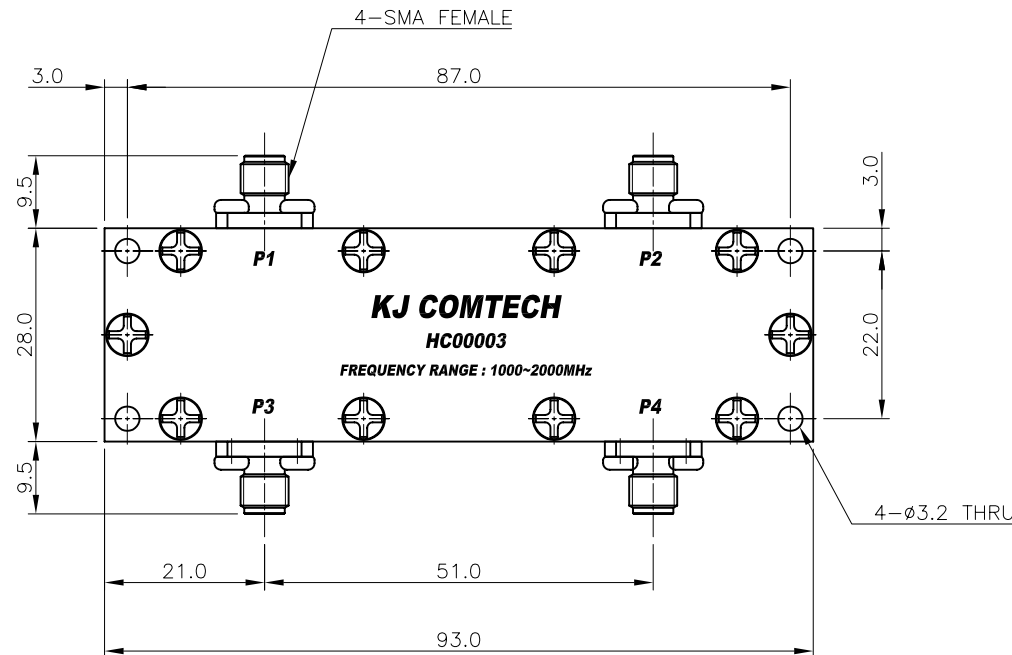
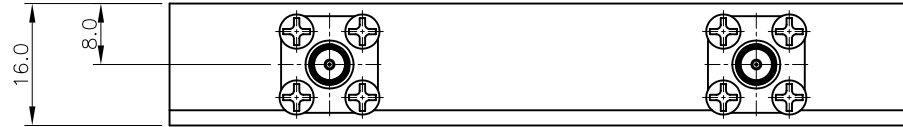


REVISION		
REV	DESCRIPTION	DATE
IR	Initial Registration	2009.03.05.
A	Changed Connector's material	2009.03.23.



* 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 : 10 W

Impedance : 50 Ω

* 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	DATE			 RF & MICROWAVE TECHNOLOGY Tel : 82-32-347-8015 Fax : 82-32-347-8017		
	± 0.3	2009. 3. 23.					
	Angle	APPROVED BY	J.H.YOUN				
MATERIAL	$\pm 1^{\circ}$	CHECKED BY	M.H.LEE			TITLE	
	A6061 T6	DRAWN BY	K.I.CHO				90° HYBRID COUPLER
	FINISH	SCALE	UNIT				
DIC-183 (Texture)	1/1	mm	A4			DWG NO.	HC00003-7/2
				REVISION	REV.A	SHEET	1 of 1