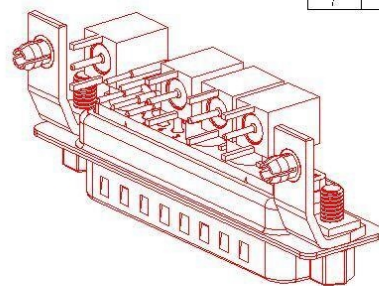
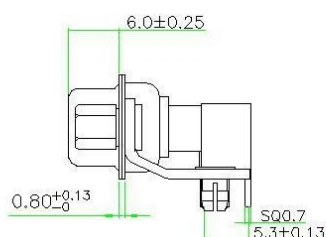


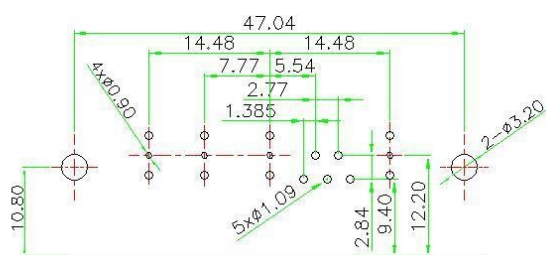
ROHS Component

The technical drawing shows two views of the 68000-01 connector:

- Top View:** Shows the rectangular connector body with mounting holes and pins. Dimensions include overall width (53.04 ± 0.38), pin pitch (7.77), and individual pin widths (14.48 , 14.48). Mounting hole positions are defined by 12.50 ± 0.25 from the edges.
- Side View:** Shows the profile of the connector. Key dimensions include the total height (12.20 ± 0.25), the height of the main body (9.40 ± 0.25), and the thickness of the base plate (2.84). The mounting holes are spaced at 10.80 ± 0.13 .



SHELL: STEEL OR COPPER ALLOY MATERIAL, Tin/Ni OR Au FINISHED.
CONNECTOR INSULATOR: PBT THERMOPLASTIC, 30% GLASS FILLED, UL 94V-0 RATED
HIGH FREQUENCY CONTACT : COPPER ALLOY MATERIAL, GOLD PLATED.
CONNECTOR WITH SIGNAL CONTACT MATERIAL: COPPER ALLOY , GOLD PLATED.
BRACKET SCREW: COPPER ALLOY MATERIAL, Ni PLATED.
ELECTRICAL CHARACTERISTICS
HIGH FREQUENCY CONTACT CURRENT RATING: 50 OR 75 OHM.
THE RADIO FREQUENCY RANGE: 0~3GHz.
CONNECTOR WITH SIGNAL CONTACT CURRENT RATING : 5.0 AMPS.
THE WORKING VOLTAGE: 300V.
HIGH FREQUENCY CONTACT RESISTANCE: 10 MILLIOHMS MAX.
DIELECTRIC WITHSTANDING VOLTAGE: 1000 V AC FOR 1 MINUTE.
INSULATION RESISTANCE: 2000 MEGAOHMS MIN.
TEMPERATURE RATING: -55° ~ -125° .



PCB LAYOUT



Dongguan Signalorigin Precision Connector Co.,Ltd

TOLERANCE: χ +0.38 χ_N +0.25 χ_{A^*} +0.13 $\chi^* \Delta^* \chi^* \chi^* \chi^*$	DRAWN BY :	DATE :	PART NAME:	
	杨剑玉	2010.05.15	9W4 高频弯屏板式即10.8支装 领1 100C*1.8毫米	
	CHECKED BY:	DATE :	PART NO.	XHY-05-1831
	侯应文	2010.05.15	MOLD NO.	FR09W4MXXH100000000000
UNIT: mm [inch]	APPROVED BY:	DATE :	REMARK	
SCALE:1:1 SIZE: A4	胡超	2010.05.15	DRAW NO.	