

**HF Compliant**

2800 SERIES 1.27mm PITCH HIGH SPEED PIN HEADER  
SMT TYPE

REV	DATE	DESCRIPTION	ECN NO.	NAME
A	21.07.22	PROPOSAL		WCQUAN

**NOTE:**

**1.MATERIAL:**

- (1)HOUSING: LCP, UL94V-0, COLOR: BLACK.
- (2)CAP: LCP, UL94V-0, COLOR: BLACK.
- (3)TERMINAL: BRASS

**2.TERMINAL PLATING:**

- FULL Au: FULL Au OVER 30u" min. Ni UNDER PLATED OVERALL
- SELECTIVE Au: SELECTIVE Au IN CONTACT AREA, 80u" min. Sn IN SOLDER TAIL AREA, BOTH OVER 30u" min. Ni UNDERPLATE OVERALL

**3.SPECIFICATION:**

- 3-1. Voltage Rating: 125V AC/DC
- 3-2. Current Rating: 1.0A Max
- 3-3. Withstand Voltage: 500V AC/minute
- 3-4. Insulation Resistance: 1000MΩ Min.
- 3-5. Contact Resistance: 20mΩ Max
- 3-6. Temperature Range: -40°C~+105°C
- 3-7. Max Processing Temp: 230°C For 60 Seconds.  
260°C For 10 Seconds.

3-8. The Connector is RoHS compliant and Halogen-Free

**4.ORDER INFORMATION :** AC2800-04 XX XX XX -HH

**⑩ PIN NUMBER:**

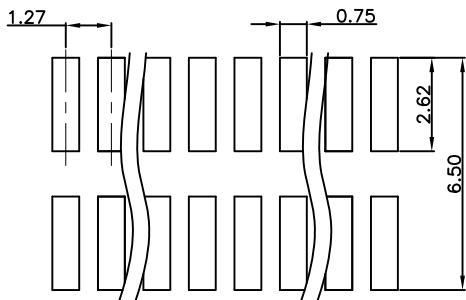
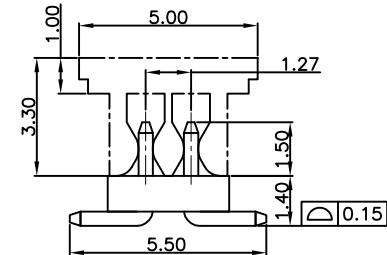
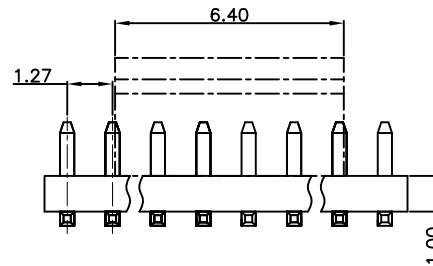
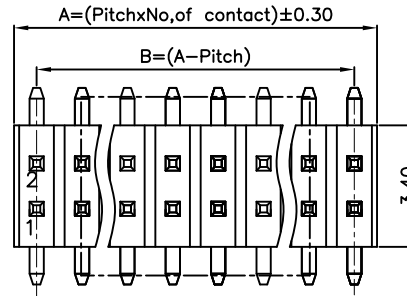
- 02: 2\*02P
- 03: 2\*03P
- S
- 50: 2\*50P

**⑪ PACKING:**

- 00: BOX
- 01: REEL+CAP

**⑫ TERMINAL PLATING:**

- 01: GOLD FLASH
- 02: 3u" Au
- 03: 5u" Au
- 04: 10u" Au
- 05: 15u" Au
- 06: 30u" Au
- 11: GOLD FLASH
- 12: 3u" Au
- 13: 5u" Au
- 14: 10u" Au
- 15: 15u" Au
- 16: 30u" Au
- FULL Au
- SELECTIVE Au



**RECOMMENDED PCB LAYOUT**  
TOLERANCE: ±0.05mm

GENERAL TOLERANCE		WIESON TECHNOLOGIES CO., LTD WIESON	CUST NO.:	
X.X	±0.30		PART NO.:	
X.XX	±0.20	DRAWN BY	WCQUAN(WSC)	AC2800-04XXXXXX-HH
X.X*	±3'	CHECKED BY	YXJ	STANDARD NO.
		APPROVED BY	JIM	AC2800-04XXXXXX-HH
		SORTING NO.	CA0205(WSC)	DRAWING SIZE
				1:1 A4
				UNIT
				mm
				PAGE
				1 OF 1

**HF Compliant**

**4290 SERIES 1.27mm PITCH HIGH SPEED FEMALE  
HEADER SMT TYPE**

REV	DATE	DESCRIPTION	ECN NO.	NAME
A	21.07.22	PROPOSAL		WCQUAN

NOTE:

1.MATERIAL:

- (1)HOUSING: LCP, UL94V-0, COLOR: BLACK.
- (2)TERMINAL: PHOSPHOR BRONZE
- (3)CAP: LCP, UL94V-0, COLOR: BLACK.

2.TERMINAL PLATING:

- FULL Au: FULL Au OVER 30u" min. Ni UNDER PLATED OVERALL
- SELECTIVE Au: SELECTIVE Au IN CONTACT AREA, 80u" min. Sn IN SOLDER TAIL AREA, BOTH OVER 30u" min. Ni UNDERPLATE OVERALL

3.SPECIFICATION:

- 3-1. Voltage Rating: 125V AC/DC
- 3-2. Current Rating: 1.0A Max
- 3-3. Withstand Voltage: 500V AC/minute
- 3-4. Insulation Resistance: 1000MΩ Min.
- 3-5. Contact Resistance: 20mΩ Max
- 3-6. Temperature Range: -40°C~+105°C
- 3-7. Max Processing Temp: 230°C For 60 Seconds.  
260°C For 10 Seconds.

3-8. The Connector is RoHS compliant and Halogen-Free

4.ORDER INFORMATION : AC4290-03 XX XX XX -HH

① PIN NUMBER:

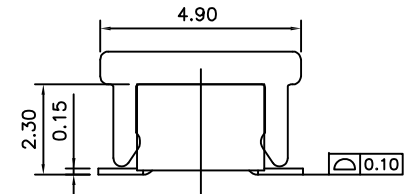
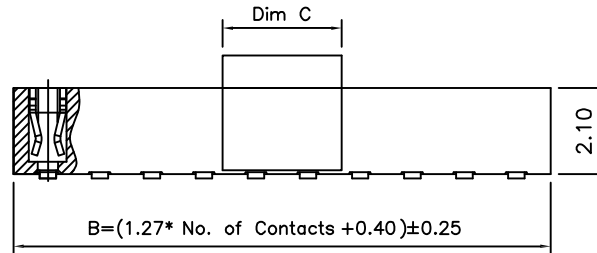
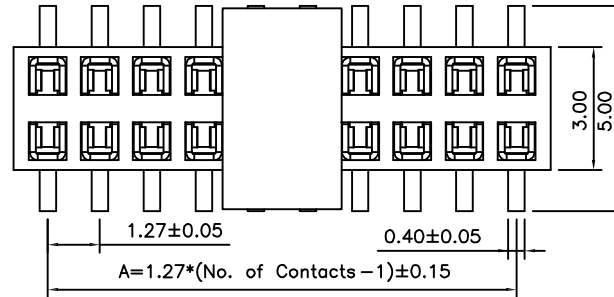
- 02: 2\*02P
- 03: 2\*03P
- S
- 20: 2\*20P

② PACKING:

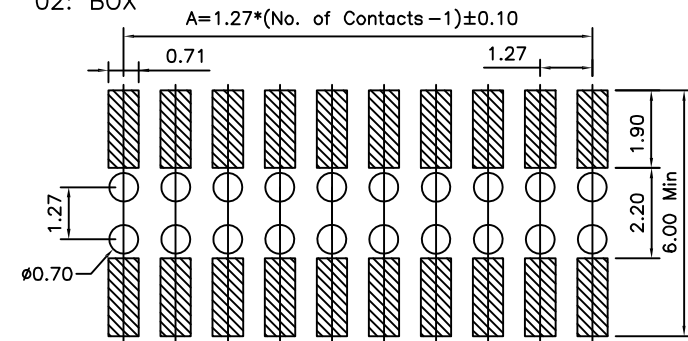
- 00: TUBE
- 01: REEL+CAP
- 02: BOX

③ TERMINAL PLATING:

- 01: GOLD FLASH 11: GOLD FLASH
- 02: 3u" Au 12: 3u" Au
- 03: 5u" Au 13: 5u" Au
- 04: 10u" Au 14: 10u" Au
- 05: 15u" Au 15: 15u" Au
- 06: 30u" Au 16: 30u" Au
- FULL Au SELECTIVE Au



Note:  
2\*02~2\*03Pin Dim C=2.92  
2\*04~2\*20Pin Dim C=5.00



RECOMMENDED PCB LAYOUT  
TOLERANCE: ±0.05mm

CUST NO.:

PART NO.:  
AC4290-03XXXXXX-HH

GENERAL TOLERANCE		WIESON TECHNOLOGIES CO., LTD WIESON		STANDARD NO.	
X.X	=±0.30	DRAWN BY	WCQUAN(WSC)	AC4290-03XXXXXX-HH	
X.XX	=±0.20	CHECKED BY	YXJ	DRAWING SIZE	4:1 A4
X.X*	=±3*	APPROVED BY	JIM	UNIT	mm
		SORTING NO.	CA0205(WSC)	PAGE	1 OF 1