

FEMALE HEADER ROUND PIN DIP SINGLE ROW

3624 SERIES - 1.27MM PITCH

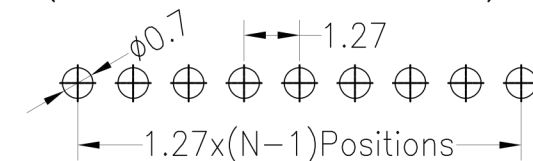


Recommended P.C.B Layout (Top Side)
(PCB BOARD TOLERANCE ±0.05)

Technical Specs

- Insulator: Black Glass filled polyester PPS or PBT
- Flammability: UL94V-O
- Sleeve: Brass
- Contact clip (4 finger): Beryllium copper
- Mating pin: Ø0.35 to Ø0.5mm
- Mechanical life: min 500 cycles
- Current rating: 3Amps/Contact max

- Forces: (polished steel gauge Ø0.41mm)
- Contact Resistance: max 10mΩ
- Dielectric strength: min 1000V RMS
- Operating temperature: -40°C to +105°C
- Soldering temperature: +245°C ±5°C, 5s max



Ordering Information

3624D1 - 22 (XX) - AAA B

1
2
3
4
5

1. Connector Series

2. (H) Hauteur isolant

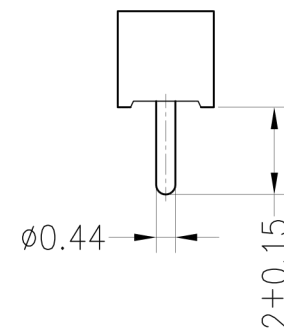
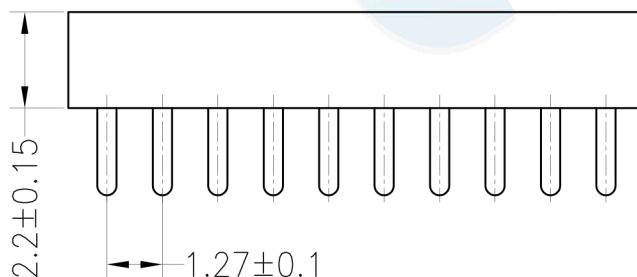
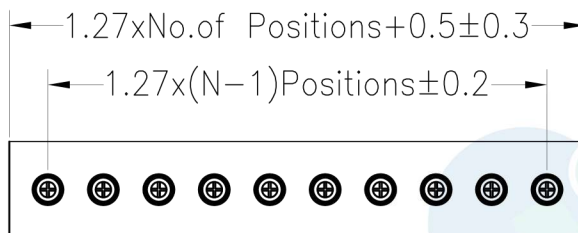
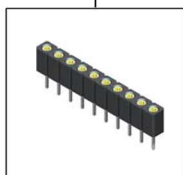
- H = 22 (Hauteur isolant : 2.2mm)

3. Number of pins per row

4. Pin Length (064 = 6.4mm)

5. Contact Plating

- A = Tin
- B = Gold Flash (*Standard)
- C = 2U" Gold
- D = 3U" Gold
- E = 5U" Gold
- F = 10U" Gold
- G = Gold Flash/Tin



				OPERATION		DRAW	BEN	12.04.18	SCALE	FIT	votre partenaire en électronique	
				X.X	±0.30				UNIT	mm		
				X.XX	±0.20	CHECK			SIZE	A4	PART NO.	3624D1 - 22XX - XXXX
A0	2012.04.18	NEW DRAWING		X.XXX	±0.10	APPROVE			SHEET	1/1	TITLE:	1.27x2.2 Machine Female Header 180° L=4.20
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle	±3°		DIM	TOL	PROJ.			

FEMALE HEADER ROUND PIN DIP SINGLE ROW

3624 SERIES - 1.27MM PITCH



Technical Specs

- Insulator: Glass-epoxy laminate FR-4
- Flammability: UL94V-O
- Sleeve: Brass CuZn36Pb3(36000)
- Contact clip (6 finger): Beryllium copper (C17200)
- Accepted pin: $\varnothing 0.31$ to 0.48mm
- Mechanical life: min 500 cycles
- Rated Current: 1A
- Forces: (polished steel gauge $\varnothing 0.381\text{mm}$)
 - Insertion 0.6 N typ
 - Withdrawal 0.15 N typ
- Contact Resistance: max $20\text{m}\Omega$
- Dielectric Resistance: min 500V RMS

Ordering Information

3624D1 - 35 (XX) - AAA B

1
2
3
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5

1. Connector Series

2. (H) Hauteur isolant

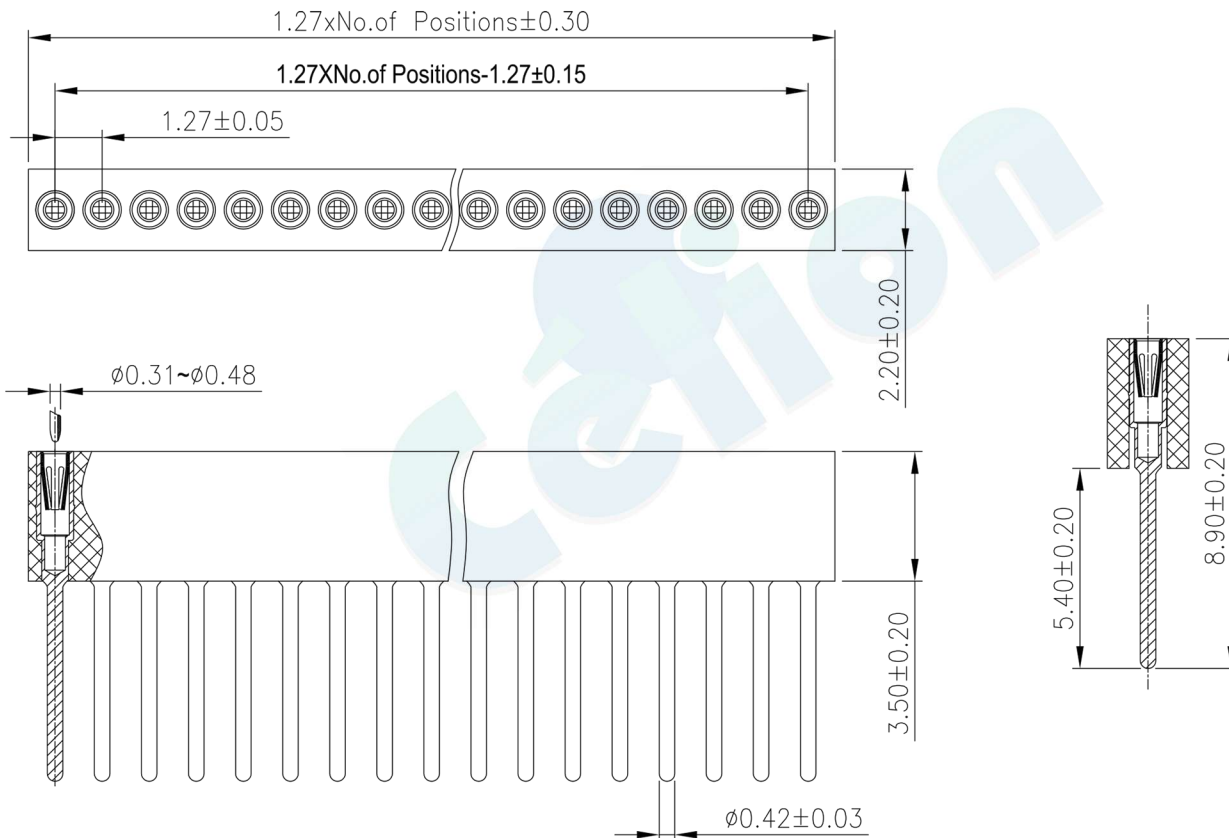
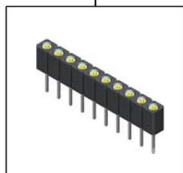
- H = 35 (Hauteur isolant : 3.5mm)


3. Number of pins per row

4. Pin Length (089 = 8.9mm)

5. Contact Plating

- A = Tin
- B = Gold Flash (*Standard)
- C = 2U" Gold
- D = 3U" Gold
- E = 5U" Gold
- F = 10U" Gold
- G = Gold Flash/Tin



				OPERATION		DRAW	BEN	12.04.18	SCALE	FIT	 votre partenaire en électronique	
				X.X	± 0.30				UNIT	mm		
				X.XX	± 0.20	CHECK			SIZE	A4	PART NO.	3624D1 - 35XX - XXXX
				X.XXX	± 0.10	APPROVE			SHEET	1/1	TITLE:	1.27x3.5 Machine Female Header 180° L=8.9
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	DIM	TOL		PROJ.					

FEMALE HEADER ROUND PIN DIP SINGLE ROW

3624 SERIES - 1.27MM PITCH



Technical Specs

- Insulator: Black Glass filled polyester PPS
- Flammability: UL94V-O
- Sleeve: Brass (H59-3)
- Contact clip (3 finger): Beryllium copper (C17300)
- Accepted pin: $\varnothing 0.38$ to 0.50mm
- Mechanical life: min 500 cycles
- Rated Current: 1A
- Forces: (polished steel gauge $\varnothing 0.41\text{mm}$)
 - Insertion 0.5 N typ
 - Withdrawal 0.2 N typ
- Contact Resistance: max $20\text{m}\Omega$
- Dielectric Resistance: min 500V RMS

Ordering Information

3624D1 - 41 (XX) - AAA B 01*

1
2
3
4
5

1. Connector Series

2. (H) Hauteur isolant

- H = 41 (Hauteur isolant : 4.1mm)

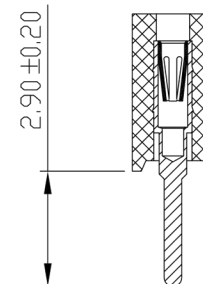
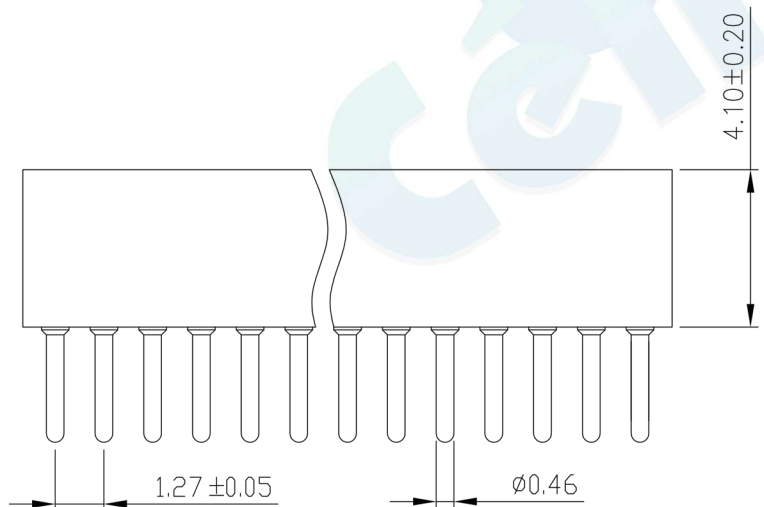
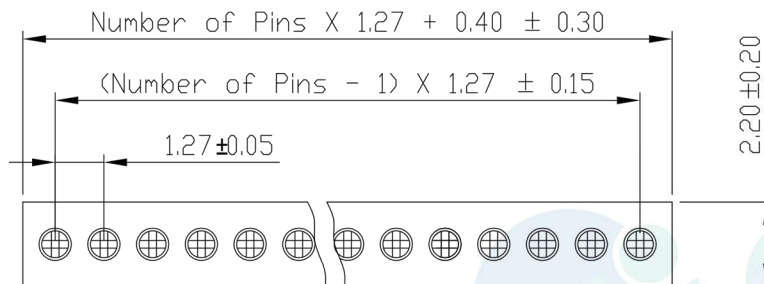
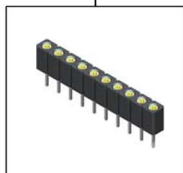
3. Number of pins per row

4. Pin Length (064 = 6.4mm)

5. Contact Plating

- A = Tin
- B = Gold Flash (*Standard)
- C = 2U" Gold
- D = 3U" Gold
- E = 5U" Gold
- F = 10U" Gold
- G = Gold Flash/Tin

(01)* = Type 1



				OPERATION		DRAW	BEN	12.04.18	SCALE	FIT	votre partenaire en électronique		
				X.X	±0.30				UNIT	mm			
				X.XX	±0.20	CHECK	SIZE	A4	PART NO.	3624D1 - 41XX - XXXX 01			
				X.XXX	±0.10	APPROVE	SHEET	1/1	TITLE:	1.27x4.1 Machine Female Header 180°/L=6.4			
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	DIM	TOL			PROJ.					

FEMALE HEADER ROUND PIN DIP SINGLE ROW

3624 SERIES - 1.27MM PITCH



Technical Specs

- Insulator: Black Glass filled polyester PPS
- Flammability: UL94V-O
- Sleeve: Brass (H59-3)
- Contact clip (3 finger): Beryllium copper (C17300)
- Accepted pin: $\varnothing 0.38$ to 0.50mm
- Mechanical life: min 500 cycles
- Rated Current: 1A
- Forces: (polished steel gauge $\varnothing 0.41$ mm)
- Insertion 0.5 N typ
- Withdrawal 0.2 N typ
- Contact Resistance: max 20m Ω
- Dielectric Resistance: min 500V RMS

Ordering Information

3624D1 - 41 (XX) - AAA B 02*

1. Connector Series

2. (H) Hauteur isolant

- H = 41 (Hauteur isolant : 4.1mm)

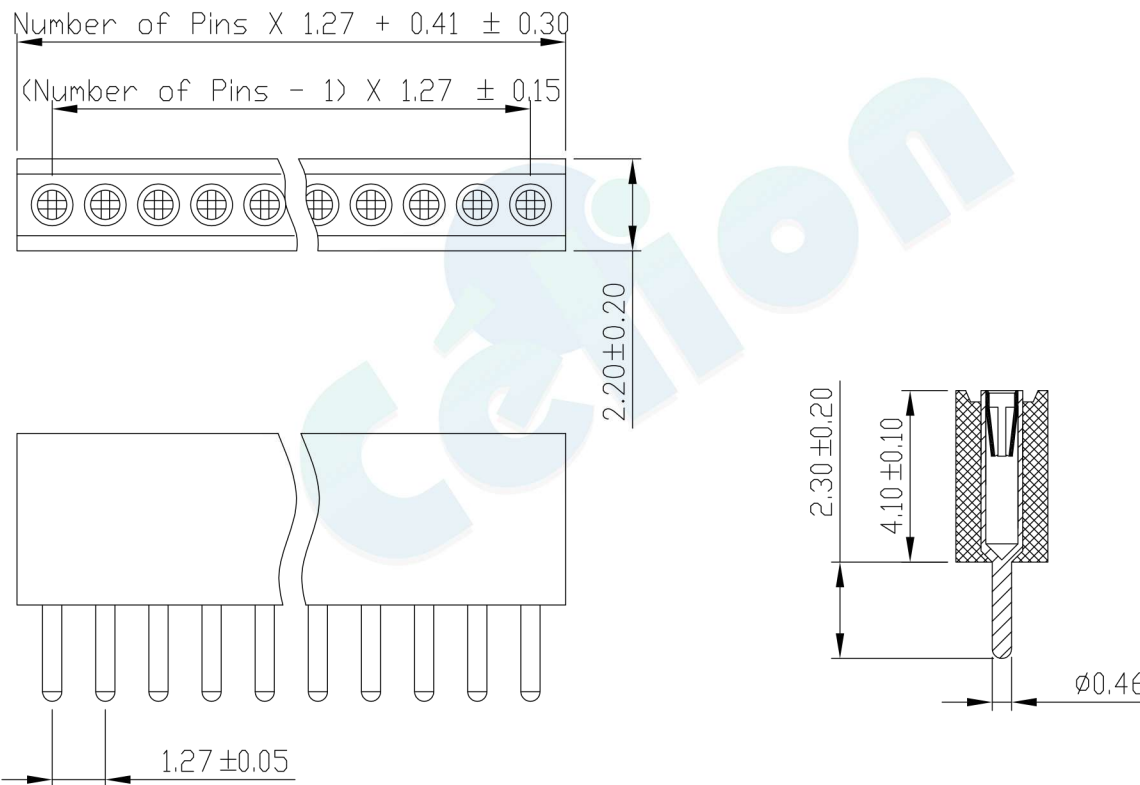
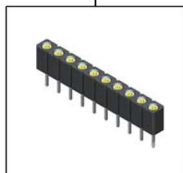
3. Number of pins per row


4. Pin Length (064 = 6.4mm)

5. Contact Plating

- A =Tin
- B =Gold Flash (*Standard)
- C= 2U" Gold
- D= 3U" Gold
- E= 5U" Gold
- F= 10U" Gold
- G=Gold Flash/Tin

(02)* = Type 2



				OPERATION		DRAW	BEN	12.04.18	SCALE	FIT	 votre partenaire en électronique		
				X.X	±0.30				UNIT	mm			
				X.XX	±0.20	CHECK		SIZE	A4	PART NO.			3624D1 - 41XX - XXXX 02
				X.XXX	±0.10	APPROVE		SHEET	1/1	TITLE:			1.27x4.1 Machine Female Header 180°/L=6.4
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	DIM	TOL				PROJ.				