

Technical drawing of a 2x12 pin connector showing three views: top, side, and front views.

Top View Dimensions:

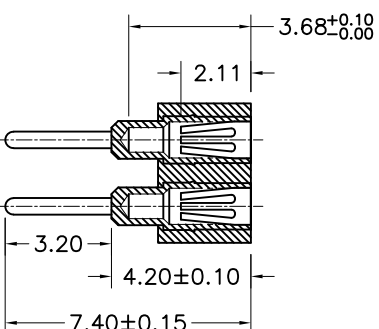
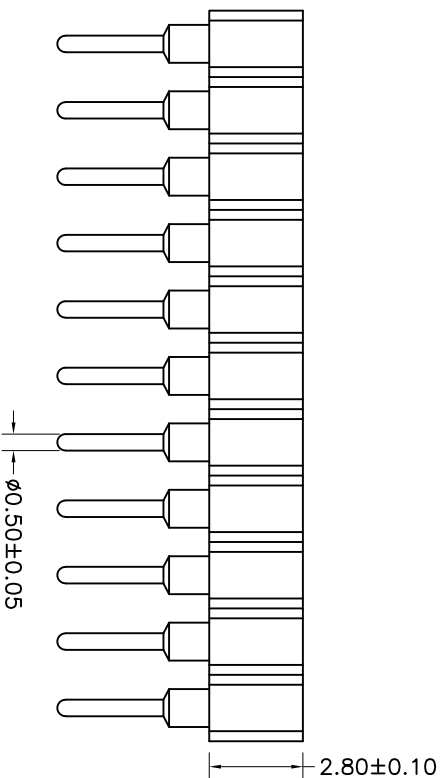
- Overall width: 2.80 ± 0.10
- Pin pitch (center-to-center): 2.00 ± 0.05
- Pin diameter: $\phi 0.50 \pm 0.05$
- Pin length: 2.00 ± 0.10

Side View Dimensions:

- Overall height: 2.00 ± 0.10
- Pin height: 2.00 ± 0.05
- Pin diameter: $\phi 0.50 \pm 0.05$

Front View Dimensions:

- Overall width: 4.20 ± 0.10
- Pin pitch (center-to-center): 2.00 ± 0.05
- Pin diameter: $\phi 0.80$
- Pin length: 2.00 ± 0.10



材质：
Pin外壳：黄铜，C3604
内爪(6爪)：镀铜，C17200
电镀（外壳）：
镀锡：2 μm/80 μ“镍，5 μm/200 μ锡
镀金：2 μm/80 μ“镍，0.8 μ“金
电镀（内爪）：2 μm/80 μ“镍底，0.8 μ“金
适配公针φ：0.40mm/0.60mm
阻燃等级：PPS UL94V-0

物理性能：
平均插入力 $\varnothing 0.50$ 、 $<90\text{gmm}$
平均拔出力 $\varnothing 0.50$ 、 $>25\text{gmm}$
机械寿命： $\text{min } 500$
工作温度范围： -40°C 到 $+105^{\circ}\text{C}$
焊接温度： $+255^{\circ}\text{C}$

MT	X	X	X	—	X	XX	XXXX
Specifications A=Public seat B=Female seat	Pitch(mm) A=1.27 B=1.278 C=2.00 D=2.54	Insulator Type code 1=Single row 2=Double row 3=Three row	Angel Options B=180° R=90° S=SMIT I=IC	No. of Positions XX positions	Pin Length Options 0740=7.40mm		

X. ± 0.30			X.° ± 5°	UNITS mm	NAME (INTENDED USE)		MINTRON CO., LTD.				
.X ± 0.20			.X° ± 2°	MATL	PART NO. (INTENDED USE)		TITLE: Double row socket connector 2.00mm H=2.80 L=7.40mm				
.XX ± 0.10			.XX° ± 1°	FINISH		DWG NO.:			MTB2C-DXX0740		
.XXX ± 0.05			.XXX ± 0.5°	APPD: SUNNY							
FEMALE CONNECTOR				QTY	CHKD: LISA		DR: ZOE		2016-03-29		
									SCALE	SHEET	REV.
									1 / 1	1 / 1	A