



下压式测试座

Open-top Type  
(CXC series)



翻盖式测试座

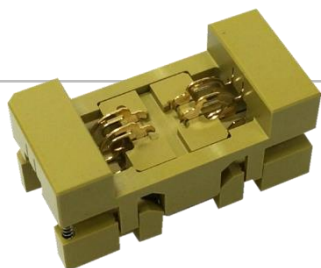
Clam-shell Type  
(CXP series)



蝴蝶式测试座

Butterfly Type  
(CXX series)

## Your solution for global needs



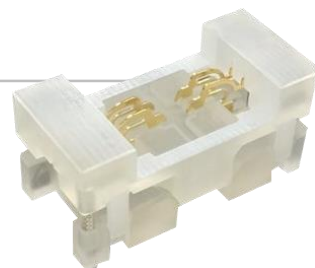
微机电测试座

MEMS Type  
(SEN series)



小型贴片测试座

Small Type  
(CAP series)



3D打印测试座

3D Printer Type  
(Special series)



## 翻盖式测试座

### Clam-shell Type (CXP series)

PKG : 1.0x0.8 - 34.3x25.4mm ,  
PIN : 2pin - 12pin ,  
超过1000种常规化规格 ,  
单尺寸种类丰富多元, 例: 50种14X9mm测座。  
可根据产品定制(Customized sockets available)。



Close



CXP系列利用蚌壳结构与悬臂盖和探针接触。  
它是理想的工程评估和测试用测试座。

CXP series utilize Clam-shell structure with a cantilever cover and pogo pin contacts.  
It is ideal for engineering evaluation and tests.

## 下压式测试座

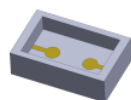
### Open-top Type (CXC series)

PKG : 2.05x1.65 - 7.35x4.95等 ,  
PIN : 2pin - 10pin ,  
Stamped 接触, 可检测底面和侧边, 更适用于自动化批量测试。  
可根据产品定制(Customized sockets available)。

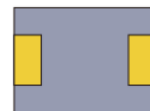


CXC系列采用开放式顶部结构与冲压簧片接触。  
它是自动化生产测试的理想选择。

CXC series utilize Open-top structure with stamped contacts.  
It is ideal for automated production systems.



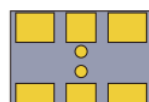
[CXP] 2pin A-type



[CXP] 2pin B-type



[CXP] 2pin C-type



[CXP] 2pin D-type



[CXP] 2pin E-type



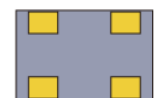
[CXP] 2pin F-type



[CXP] 2pin G-type



[CXP] 3pin A-type



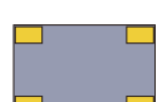
[CXP] 4pin A-type



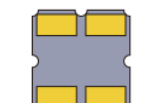
[CXP] 4pin B-type



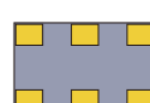
[CXP] 4pin C-type



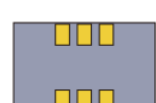
[CXP] 4pin D-type



[CXP] 4pin E-type



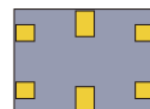
[CXP] 6pin A-type



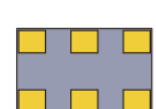
[CXP] 6pin B-type



[CXP] 6pin C-type



[CXP] 6pin D-type



[CXP] 6pin E-type

## 特性 FEATURES

- ✓ 精确可靠的频率控制装置
- ✓ 理想的接触力度, 避免测量误差
- ✓ 提供最高质量的插座
- ✓ 蚌壳式设计, 易于开启和关闭
- ✓ 可靠耐用的镀金弹针
- ✓ 适用于长期高温老化测试
- ✓ 工作温度:  $-35^{\circ}\text{C} \sim +150^{\circ}\text{C}$



- ✓ Accurate and reliable testing of frequency control devices
- ✓ Contact force ideal for avoiding measurement error
- ✓ Highest quality socket available
- ✓ Clam shell design for easy open and close
- ✓ Reliable gold plated POGO pins
- ✓ Suitable for high temperature burn-in test
- ✓ Operating Temperature:  $-35 \sim +150^{\circ}\text{C}$

Malaysia

China

Thailand

Hong Kong

Russia

Taiwan

Singapore

Italy

UK

Japan

Philippines

Korea

Germany

USA

New Zealand

France

Switzerland

CETC

十三所CETC

惠伦

Failingong

晶宝

CREC(SC)

Hosonic

鸿星Hosonic

大普

DAPU

CEC

熊猫CEC Xtal

ECEC

东晶ECEC

晶源

JYEG

晨晶

ChenJing

天奥

ELECSPN

TXC

台晶TXC

SIWARD

希华Siward

TST

嘉硕TST

AKER

安基AKER

TAITIEN

泰艺Taitien

MEC

码居礼Mercury

加高

HELE

YOKE

友桂YOKETAN

EPSON

爱普生Seikoepson

YAMAHA

雅马哈Yamaha

KYOCERA

京瓷Kyocera

NDK

日本电工

NDK

大河River Ele

OMRON

欧姆龙Omuron

KDS

大真空KDS

CITIZEN

西铁城Citizen

muRata

牧田Murata

JRC

日本无线JRC

SAMSUNG

三星Samsung

H&S

High Tech

SUNNY

阳光Sunny

EXA

EXA

BOSCH

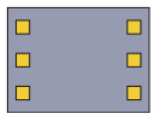
博世Bosch

RAKON

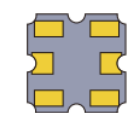
锐康Rakon

MC

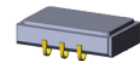
微晶Micro Crystal



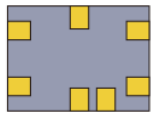
[CXP] 6pin F-type



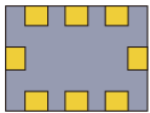
[CXP] 6pin G-type



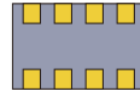
[CXP] 6pin H-type



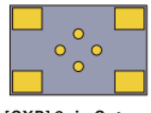
[CXP] 7pin A-type



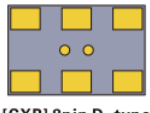
[CXP] 8pin A-type



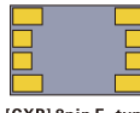
[CXP] 8pin B-type



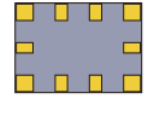
[CXP] 8pin C-type



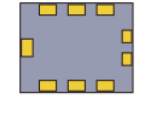
[CXP] 8pin D-type



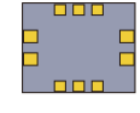
[CXP] 8pin E-type



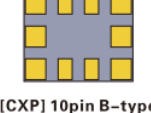
[CXP] 9pin A-type



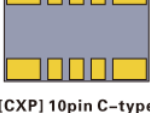
[CXP] 9pin B-type



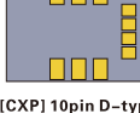
[CXP] 10pin A-type



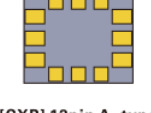
[CXP] 10pin B-type



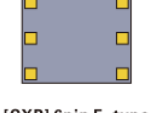
[CXP] 10pin C-type



[CXP] 10pin D-type



[CXP] 12pin A-type

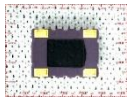


[CXP] 6pin F-type

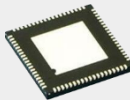


[CXP] 6pin G-type

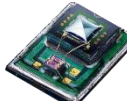
## 应用 APPLICATIONS



谐振器 & 晶体 Oscillator & Crystal  
温补晶振 / 恒温晶振 / 压控晶振 / 振荡器用



半导体 Semiconductor  
SOP / QFN / SON / SOT / TO / CSP



微机电 MEMS  
陀螺仪 / 压力用 / 气体用 / 加速度



老化测试 Aging  
低温-45℃ / 高温+150℃

### 2009年度“300家活跃的中小型制造企业”

经济贸易工业部从2006年起，每年从技术先进的中小型制造企业中，评选出“300家活跃的中小型制造企业”。

In Ministry of Economy, Trade and industry, it commends a small and medium-sized manufacturing enterprise with a superior technique with the choice every year “300 active small and medium-sized manufacturing enterprise” from 2006.

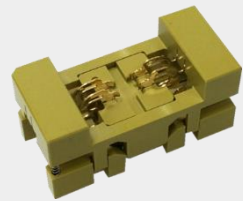
MiS技术公司 (MiS) 专门生产电子器件的测试插座(Socket)，如石英晶体器件、MEMS传感器、MEMS和C-MOS振荡器器件、电容器和光学器件。MiS为石英晶体器件市场提供了多种多样的Socket，可以满足绝大多数客户的封装类型和尺寸。

随着汽车技术的进步，先进电子设备不断被开发并应用于高度集成的电子汽车系统。MiS所生产得各种测试插座，可用于燃烧和可靠性测量，以满足这些行业特定的要求。MiS技术公司不断致力于满足和超越严格的全球高质量要求的测试插座的设计、制造和销售。我们致力于成为客户的“一站式解决方案”。

MiS Technologies Corporation  
President Ichiro Midorikawa

## 微机电测试座

### MEMS Type (SEN series)

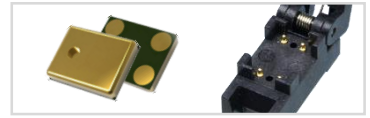


Open-top (下压式)，  
适用于下进音麦克风产品。  
可根据产品定制。

(Customized sockets available)

Clam-shell (翻盖式)，  
适用于上进音麦克风产品。  
可根据产品定制。

(Customized sockets available)



SEN系列针对MEMS麦克风产品进行特殊设计优化。  
可满足①电器性能测试②声音检测。

①Socket to confirm only PKG conduction.

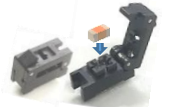
②Socket structure listened sound.

## 小型贴片测试座

### Small Type (CAP series)



PKG : 2.0×1.2mm, 1.6×0.8mm, 1.0×0.5mm 等，  
PIN : 2pin，  
可根据产品定制(Customized sockets available)。

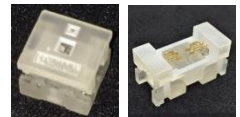


## 3D打印测试座

### 3D Printer Type (Special series)



微机电麦克风插座  
用3D打印机制作的部件-底座，盖子  
开顶式插座  
用3D打印机组件-底座，盖子，插销  
可根据产品定制(Customized sockets available)。



适用于原型，接受1件订单，低成本快速交货。

Suitable for prototype, Accept order from 1 piece, Low cost & short delivery.

Apr.2000

Founded  
Moved into Sagamiyama Incubation Center Ltd.

Jun.2000

Developed TCXO (7×5) socket, the smallest.

Nov.2000

Developed TCXO (6×3.5) socket.

Aug.2001

Developed TCXO (5×3.2) socket, the smallest.  
Developed TCXO (4×2.5) socket.

Jun.2002

Developed TCXO (3.2×2.5) socket, the smallest.

Jan.2005

Developed TCXO (2.5×2) socket, the smallest.

Oct.2006

Developed TCXO (2×1.6) socket.

Mar.2008

Developed Oscillator (1.2×1) socket.

Jun.2009

Received an award from METI (Ministry of Economy, Trade and Industry), as one of “300 active small and medium-sized manufacturing enterprise”.

Jul.2012

Developed TCXO (1.6×1.2) socket, the smallest.

Jun.2013

Developed 66 kinds of MEMS sockets.

Sep.2013

Developed OXCO high-volume production socket (for great current).

Aug.2014

Developed Fine pitch socket (0.3mm/0.35mm pitch).

May.2015

Developed MEMS oscillator (1×0.8) socket.



# CXP测试座脚位表 (部分)

CXP series Pad position List



PKG Image	PKG Size (mm)	PKG Thickness (mm)	Pin Counts	Socket Part Number	PKG Image	PKG Size (mm)	PKG Thickness (mm)	Pin Counts	Socket Part Number
	1x0.8	0.12	4	CXP-P04-05-00		5x3.2	1.25	2	CXP-C02-01-00
	1x0.8	0.25	4	CXP-P04-13-00		5x3.2	1.42	2	CXP-C02-12-00
	1.6x1.2	0.15	4	CXP-L04-12-00		5x3.2	0.6	2	CXP-C02-08-00
	1.6x1.2	0.5	4	CXP-L04-11-00		5x3.2	0.95	2	CXP-C02-03-00
	2x1.2	0.37	2	CXP-K02-08-00		5x3.2	1.25	2	CXP-C02-04-00
	2x1.2	0.5	2	CXP-K02-04-00		5x3.2	0.8	4	CXP-C04-27-00
	2x1.6	0.7	4	CXP-K04-19-00		5x3.2	1.0	4	CXP-C04-29-00
	2x1.6	0.85	4	CXP-K04-30-00		5x3.2	0.75	4	CXP-C04-25-00
	2x1.6	0.6	4	CXP-K04-28-00		5x3.2	1.1	4	CXP-C04-06-00
	2x1.6	0.65	4	CXP-K04-13-00		5x3.2	1.5	4	CXP-C04-28-00
	2x1.6	0.95	4	CXP-K04-10-00		5x3.2	1.2	6	CXP-C06-11-00
	2.5x2	0.65	4	CXP-I04-23-00		5x3.2	1.4	6	CXP-C06-02-00
	2.5x2	0.8	4	CXP-I04-01-00		5x3.2	1.05	8	CXP-C08-02-00
	2.5x2	0.5	4	CXP-I04-09-00		5x3.2	1.6	8	CXP-C08-10-00
	2.5x2	0.55	4	CXP-I04-10-00		5x3.2	1.7	8	CXP-C08-07-00
	2.5x2	0.75	4	CXP-I04-16-00		5x3.2	0.9	10	CXP-C10-05-00
	2.5x2	0.78	4	CXP-I04-03-00		5x3.2	1.0	10	CXP-C10-06-00
	2.5x2	0.82	4	CXP-I04-07-00		5x3.2	1.6	10	CXP-C10-04-00
	2.5x2	0.88	4	CXP-I04-04-00		7x5	0.8	2	CXP-A02-07-00
	2.5x2	0.9	4	CXP-I04-08-00		7x5	1.0	2	CXP-A02-06-00
	2.5x2	1.0	4	CXP-I04-13-00		7x5	1.15	4	CXP-A04-17-00
	2.5x2	1.0	6	CXP-I06-12-00		7x5	1.3	4	CXP-A04-15-00
	2.5x2	0.8	6	CXP-I06-13-00		7x5	1.4	4	CXP-A04-21-00
	2.5x2	0.95	4	CXP-I04-24-00		7x5	1.8	4	CXP-A04-10-00
	3.2x2.5	0.89	2	CXP-G02-13-00		7x5	0.9	4	CXP-A04-30-00
	3.2x2.5	1.15	2	CXP-G02-01-00		7x5	1.5	4	CXP-A04-31-00
	3.2x2.5	0.7	2	CXP-G02-11-00		7x5	2.5	4	CXP-A04-42-00
	3.2x2.5	0.75	2	CXP-G02-09-00		7x5	0.85	6	CXP-A06-26-00
	3.2x2.5	0.9	4	CXP-G04-06-00		7x5	1.45	6	CXP-A06-16-00
	3.2x2.5	0.92	4	CXP-G04-09-00		7x5	1.75	6	CXP-A06-31-00
	3.2x2.5	1.2	4	CXP-G04-24-00		7x5	1.85	6	CXP-A06-32-00
	3.2x2.5	0.55	4	CXP-G04-01-00		7x5	0.9	6	CXP-A06-29-00
	3.2x2.5	0.6	4	CXP-G04-04-00		7x5	1.15	6	CXP-A06-01-00
	3.2x2.5	0.65	4	CXP-G04-15-00		7x5	1.5	8	CXP-A08-11-00
	3.2x2.5	0.75	6	CXP-G06-10-00		7x5	1.7	8	CXP-A08-14-00
	3.2x2.5	0.85	6	CXP-G06-08-00		7x5	2.05	8	CXP-A08-10-00
	3.2x2.5	1.0	6	CXP-G06-04-00		7x5	1.38	10	CXP-A10-07-00
	3.2x2.5	0.84	8	CXP-G08-07-00		7x5	1.9	10	CXP-A10-02-00
	3.2x2.5	0.9	8	CXP-G08-05-00		7x5	1.7	10	CXP-A10-01-00
	3.2x2.5	1.05	8	CXP-G08-01-00		7x5	1.8	10	CXP-A10-10-00

本表为部分CXP测试座型号，特殊需求或其他类型测试座请与我们联系



エム・アイ・エス テクノロジー株式会社  
MIS Technologies Corporation

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