



HIGH QUALITY CONNECTION



## About BIX

Shanghai BIX Electronics Co., Ltd was founded in 2014, specialised in designing, engineering, manufacturing high quality connectors for medical electronics, testing and measurement instrumentations, and military telecommunication equipment.

Our product design team and engineering team have more than 10 years' experience for new connectors, starting from customer inquiries, drawings, tooling, fast samples, and series production. We have turning machine shop, molding machine shop, and our own laboratory to perform plating thickness, mating and demating force, electrical resistance, IP68 etc.

We have two manufacturing facilities, one is in Shanghai and the other is in Zhejiang province, with more than 200 employees. We have ISO 9001:2008 certification and established the 5S management system. The product standards meet the requirement of MIL, UL and IEC.


We have circular push-pull connector series, high current single contact series, high density PCB board connectors and customer specific products, we also provide cable assembly service


According to our experience, to supply the same high quality connectors from China, the cost is approximately half of the European or American price. In the meantime, drawing, tooling, samples can be ready as quick as 4 to 8 weeks. .

**Quality, flexibility, efficiency is our target to satisfy the high quality connector market.**





Series		F	X	A
Picture				
Description		Circular Push-pull connector FP locking Half shell coding	Circular Push-pull connector 5 key leading structure	Circular Push-pull connector Break away
Parameters	Size 0:	2、3、4、5、7、9pins	2、4、7、9、10pins	2、4、7、9、10pins
	Size 1:	4、5、8、16pins	4、5、8、16pins	4、5、8、16pins
	Size 1.5:	10、12、19pins	10、12、19pins	10、12、19pins
	Size 2:	4、8、19pins	4、8、19pins	4、8、19pins
	Size 3:	8、30pins	8、30pins	8、30pins
	Coding:	1、2、3	A、B、C、D	A、B、C、D
	Housing material:	Copper Alloy	Aluminum Alloy	Aluminum Alloy
	Insulator material:	PEEK	PEEK	PEEK
	Plating of housing:	Chrome or Black Chrome	Chrome	Chrome
	Plating of pin/socket:	Gold	Gold	Gold
	Termination:	Soldering、PCB	Soldering、PCB	Soldering、PCB
	Contact resistance:	<8mΩ	<8mΩ	<8mΩ
	Mating cycle:	>5000	>5000	>5000
Salt Spray Test:	96H	96H	96H	

Series		B	I	Y
Picture				
Description		Circular Push-pull connector FP locking Half shell coding	Circular Push-pull connector 5 key leading structure	Circular Push-pull connector Break away
Parameters	Size 0:	2、3、4、5、7、9pins	2、3、4、5、7、9pins	7pins
	Size 1:	4、5、8、16pins	4、5、8、16pins	10、16pins
	Size 2:	4、8、19pins	4、8、19pins	
	Size 3:	8、30pins	8、30pins	
	Coding:	0、A、B、C、F、H、J、K、M、Q、Y	0、A、C、F、H、K、Q、W	A、B、C、D
	Housing material:	Copper Alloy	Copper Alloy	Aluminum Alloy
	Insulator material:	PEEK	PEEK	PEEK
	Plating of housing:	Chrome or Black Chrome	Chrome or Black Chrome	Chrome or Black Chrome
	Plating of pin/socket:	Gold	Gold	Gold
	Termination:	Soldering、PCB	Soldering、PCB	Soldering、PCB
	Contact resistance:	<8mΩ	<8mΩ	<8mΩ
	Mating cycle:	>5000	>5000	>5000
	Salt Spray Test:	96H	96H	96H

Series		T series	L series	Customized Products
Picture				
Description		Circular Push-pull connector LP locking pin and groove coding	Circular Push-pull connector LP locking pin and groove coding	Customized design acc to customer's specification
Parameters	Size 0:	2, 3, 4, 5, 7, 9pins	2, 3, 4, 5, 7, 9pins	Modification on catalogue products Tooling : piastic parts metal parts Tuning metal parts Testing : in house or third party Lead time : 4-8weeks
	Size 1:	4, 5, 8, 16pins	4, 5, 8, 16pins	
	Size 2:	4, 8, 19pins	4, 8, 19pins	
	Size 3:	8, 30pins	8, 30pins	
	Coding:	O, A, B, J	0, A, B, C, F, H, J, K, M, Q, Y	
	Housing material:	Copper Alloy	Copper Alloy	
	Insulator material:	PEEK	PEEK	
	Plating of housing:	Chrome or Black Chrome	Chrome or Black Chrome	
	Plating of pin/socket:	Gold	Gold	
	Termination:	Soldering, PCB	Soldering, PCB	
	Contact resistance:	<8mΩ	<8mΩ	
	Mating cycle:	>5000	>5000	
	Salt Spray Test:	96H	96H	

## Cable Assemblies





### Work shops



### Production Equipments



### Our Laboratory



**Quality Flexibility Efficiency Cost-effective**

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