

CROWN LINK[®]

Products Selection Guide

Edition Version 2018

SUMMARY

INTRODUCTION & HOW TO USE THIS GUIDE

PAGE-02

HOW & WHERE TO USE OUR CROWNLINK® CONTACTS?

FEMALE CONTACT

PAGE-03

CONNECTION TO PCB BOARD (2.54mm Pitch)

PAGE-04

CONNECTION TO PCB BOARD (1.27mm Pitch)

PAGE-05

MALE SOLDER-CONTACT

PAGE-06

MALE CONTACT & CONNECTION TO CABLE

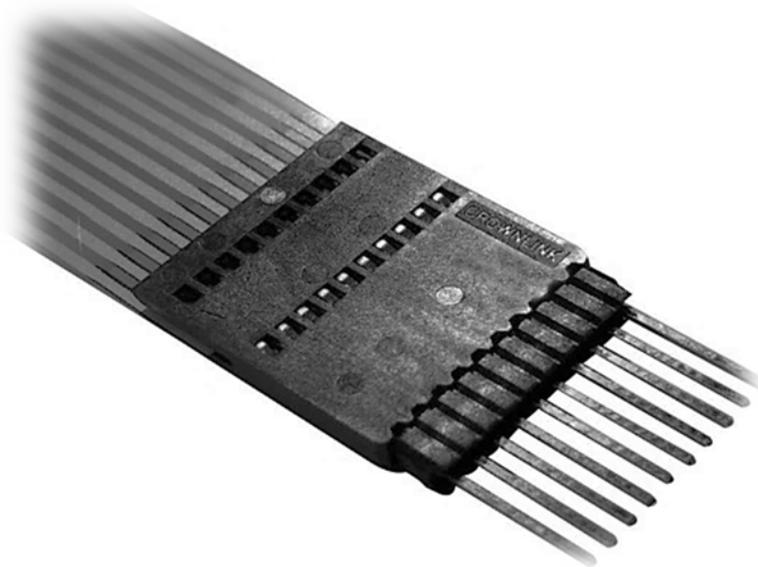
CONTACT US

PAGE-08

INTRODUCTION & HOW TO USE THIS GUIDE

THIS GUIDE AIMS AT COMBINING TOGETHER ALL CROWNLINK® PRODUCTS & FACILITATING THE SELECTION OF THE RIGHT PART FOR USERS, ENGINEERS, & PURCHASERS.

IT IS NOT A TECHNICAL BOOK. YOU CAN ACCESS ALL PRODUCT SPEC & DRAWINGS ONLINE ON WWW.CROWNLINKTW.COM WITH THIS GUIDE, YOU WILL LEARN MORE ON THE TECHNOLOGY & PRODUCT PORTFOLIO AS WELL AS THE MOST COMMON APPLICATIONS FOR THE CROWNLINK® RANGE OF PRODUCTS.



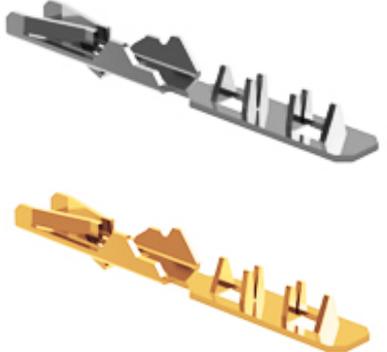
CROWNLINK® is a connector system dedicated to flat cables and flexible circuits where two modules are to be connected. Applications can be found in membrane switches, touch panels/pads, e-inks, smart textiles, sensors, medical, lighting, white & consumer goods, automotive etc.



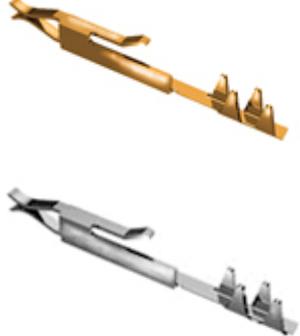
HOW & WHERE TO USE OUR CROWNLINK® CONTACTS?

Female Contact

All contacts are available in tin plated or gold plated versions.

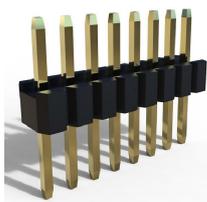
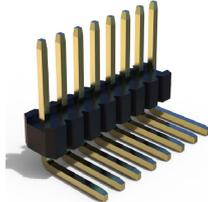
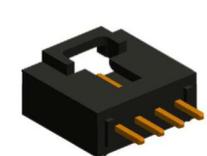
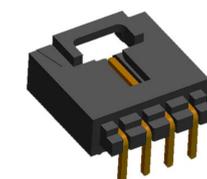
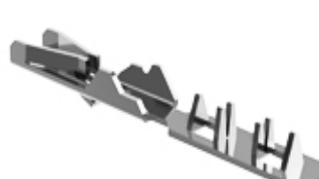
2802-30K-0T-F 2802-30K-0G-F	2808-30K-0T-F 2808-30K-0G-F	2811-30K-0T-F 2811-30K-0G-F
		
2.54mm pitch		
High Insertion force	Low Insertion force	※Technical choice

※2811-30K-0T(0G)-F is a multi-insertion & multi-flex contact designed to offer a stable insertion force over a large number of mating cycles. It is more resistant to damage by bent or angled pins, primarily on test devices.

2804-10K-0T-F 2804-10K-0G-F	2806S-15K-0G-F	2806P-15K-0T-FH 2806P-15K-0G-FH	2807-30K-0G-F 2807-30K-0T-F
			
5.08mm pitch			1.27mm pitch
The pitch of the contact after overlapping is 2.54mm, are applied on Membrane Switch or Touch panel			Smaller pitch

On next pages you can see mating tables for the use of CROWNLINK® female contacts

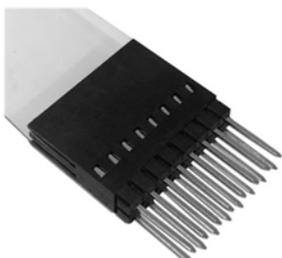
CONNECTION TO PCB BOARD FEMALE CONTACTS (2.54mm Pitch)

Female side		Male side	
<p>2802-30K-0T-F</p> 	<p>2802H-XX</p> 	<p>Pin Header</p>  <p>Single row 180°</p>  <p>Single row 90°</p>	
<p>2808-30K-0T-F</p> 	<p>2808H-XX</p> 	 <p>Double row 180°</p>  <p>Double row 90°</p>	
	<p>2808H-XX-XXR</p> 		
	<p>2802H-XXDNS</p> 	 <p>Single row SMT</p>  <p>Double row SMT</p>	
<p>2806P-15K-0G-FH</p> 	<p>2806H-XXNH</p> 	<p>Mate</p>	
	<p>2806HLC-XXNH</p> 		
<p>2804-10K-0T-F</p> 	<p>2804HLB-XXN</p> 	<p>Wafer for 3 types(180° · 90° · SMT)</p>  <p>CL2545V-XXTNP(180°)</p>  <p>CL2545R-XXTNP(90°)</p>	
<p>2811-30K-0T-F</p> 	<p>2802HL-XXN</p> 	 <p>CL2545S-XXSNP(SMT)</p>	
	<p>2802HL-XXHN</p> 		

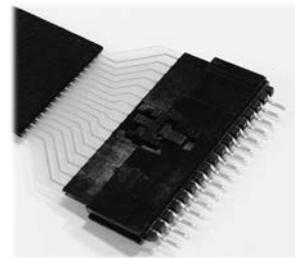
Sample

Connection to PCB board Pin Header(Double row)

Connection to PCB board Wafer (SMT)

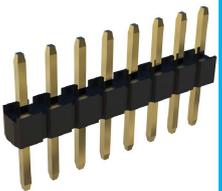
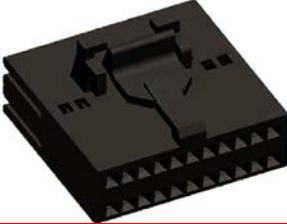
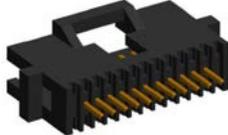


2808-30K-0T-F(2802-30K-0T-F) + 2802H-16DNS +L208151605099A



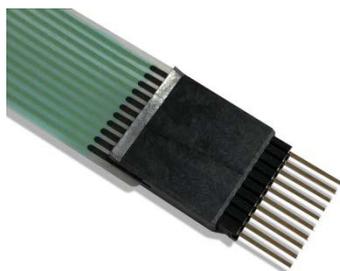
2804-10K-0T-F + 2804HLB-14N + CL2545S-14SNP

CONNECTION TO PCB BOARD FEMALE CONTACTS (1.27mm Pitch)

Female side		Male side	
	<p>2807H-XX</p> 	<p>Pin Header</p>  <p>Single row 90°</p>  <p>Single row 180°</p>	
<p>2807-30K-0T-F</p> 	<p>2807H-XXDNH</p> 	 <p>Double row 90°</p>  <p>Double row 180°</p>	
<p>2807-30K-0G-F</p> 	<p>2807HLA-XX</p> 	<p>Mate</p>  <p>Single row SMT</p>  <p>Double row SMT</p>	
	<p>2807HLA-XXDNH</p> 	<p>Wafer</p>  <p>CLSH1.27V-XXGNN</p>  <p>CLSH1.27R-XXGNN</p>  <p>CLSH1.27V-XXDGNN</p>  <p>CLSH1.27R-XXDGNN</p>	

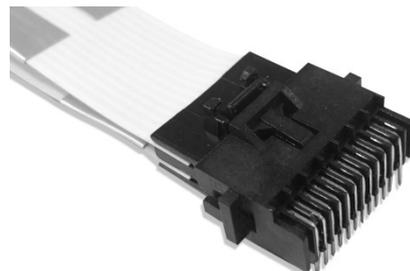
Sample

Connection to PCB board Pin Header(Single row)



2807-30K-0T-F + 2807H-10 + L20306-1005099A

Connection to PCB board Wafer (90°)



2807-30K-0G-F + 2807HLA-24DNH + CLSH1.27R-24DGNN

HOW & WHERE TO USE OUR CROWNLINK® CONTACTS?

Male Solder Contact

Solder pins are used with PCB, wipe contacts with single or double points, They can also be directly soldered onto printed circuits

2808-30K-0T-SM	2808-30K-0T-M	2808-30K-0T-LM	2808-30K-0T-WM
			
2.54mm pitch			
To solder or to fit into I.C. sockets or wipe contacts		Longer version	For connections to lamps
Short male	Standard male	Long male	
2807-30K-0T-MH		2806P-10K-0T-MX	
			
1.27mm pitch		5.08mm pitch	
1.27mm pitch, standard male		To solder or to fit into I.C. sockets or wipe contacts	

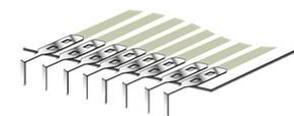
2808-30K-0T-SM



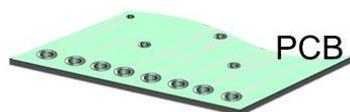
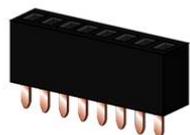
2808-30K-0T-M



2808-30K-0T-LM

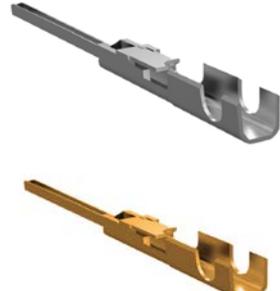
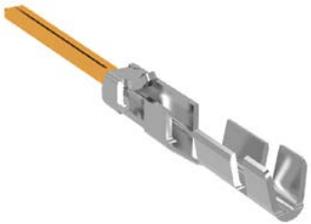
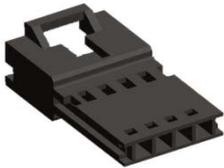
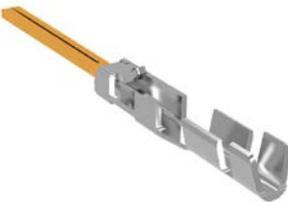


L307XXXX0XXXXXY



HOW & WHERE TO USE OUR CROWNLINK® CONTACTS?

Male Contact

2812-30K-0T-ML	2812-30K-0T-M	2803-15K-0T-MS 2803-15K-0G-MS	2803-15K-HG-M
			
2.54mm pitch		5.08mm pitch	
RECOMMENDED APPLICATIONS CONNECTION TO CABLE			
 2812-30K-0T-M		 2802H-XX	
 2803-15K-HG-M	 2803HLW-XXCN	 2806HLS-XXN	 2806S-15K-0G-F
 2803-15K-HG-M	 2803HLW-XXCN	 2806HLS-XXN	 2806P-15K-0G-FH
 2803-15K-0T-MS	 2803HLW-XXCNS	 2802HL-XXN	 2811-30K-0T-F
 2803-15K-0T-MS	 2803HLW-XXCNS	 2804HLB-XXN	 2804-10K-0T-F

ABOUT & CONTACT US

CROWNLINK was established in 2006 in Taipei, Taiwan as well Shenzhen Branch, specializing in the production of contacts & connectors for FPC / FFC and cable, and metal domes. We have the strict QC procedure beginning from the raw materials, molds' precision, electroplating, production process to our services, and implementation of every detail.

In 2013, we obtained ISO9001: 2008 certification, all products comply with RoHS, standard. The products could be applied on the industries of membrane switch, touch screen, home appliances, the control panels of kitchen and bath equipments, industrial control, medical instrumentation, automotive electronics, toys, fitness equipment, military defense ...and so on.

Constantly develop new products to meet customers' demand, we also providing customized services, contacts crimping and assembly services. To learn more about the history of CrownLink growth, please kindly refer to History.

Main products

- * Contacts & connectors for FPC/FFC and cable
- * Metal Domes
- * Crimping Machine
- * Contacts crimping and cable assembly services
- * Embedded Processing Injection

Contact us

Subsidiary In China ShenZhen Vigatec Development Co., Ltd.

Domestic Department

TEL: +86-755-2660-9729 FAX:

+86-755-8629-9355

E-mail: Sales3@vigatec.com.cn

Overseas Department:

TEL: +86-755-2660-9729

FAX: +86-755-8629-9355

E-mail: Overseas@crownlink.co.uk

Address: Room 777, 7F, 2nd Building, WanYuan Business Mansion, No.17

Lane1, LiuXian No.2 Road, Baoan 71 District, Shenzhen 518100, Guangdong,

P.R.China.

CROWNLINK TAIWAN BRANCH

TEL: +886-2-8668-1767

FAX: +886-2-8668-1796

E-mail: SCM@crownlink.co.uk

Address: 2f, 153, Jing Fu St., Taipei City, Taiwan

TAIWAN OFFICE VIGATEC CO., LTD.

TEL: +886-2-8668-2069

FAX: +886-2-8668-2059

E-mail: STW@crownlink.co.uk

Address: 7F-1, No.190, Jingping Rd., Jhonghe District, New Taipei City, Taiwan