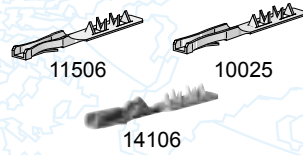


# Contacts & Solder tabs

The contacts are available at a 2.54mm pitch

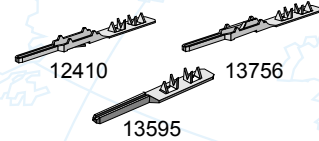
## Female contacts

- Low insertion force 11506
- High insertion force 10025
- Hi-Flex 14106



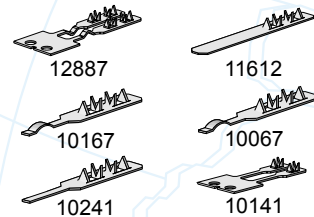
## Male contacts

- Square male 12410
- Reverse square male 13756
- Short square male 13595



## Male solder tabs

- Double retention 12887
- Long 11612
- Retention 10167
- Short retention 10067
- Standard 10241
- Standard short 10141



## Summary

all contacts & solder tabs are produced in-house by . The products comply with most rigorous mechanical, electrical and thermal specifications. Quality is a major issue at .



packaging : reel of 35 000 contacts

## Highlight

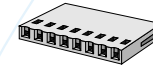
Contacts	Specifications	Curbes
10025 HIGH INSERTION FORCE	<ul style="list-style-type: none"> <li>- Resistance : &lt; 5m Ohm</li> <li>- Initial Force : 3.5N</li> <li>- Operating Force : 2.5N</li> <li>- Max cycles : 20</li> </ul> Recommended for up to 10 contacts	
11506 LOW INSERTION FORCE	<ul style="list-style-type: none"> <li>- Resistance : &lt; 10m Ohm</li> <li>- Initial Force : 1.5N</li> <li>- Operating Force : 1.5N</li> <li>- Max cycles : 100</li> </ul>	
14106 HI-FLEX	<ul style="list-style-type: none"> <li>- Resistance : &lt; 15m Ohm</li> <li>- Initial Force : 2.5N</li> <li>- Operating Force : 1N</li> <li>- Max cycles : 500 and +</li> </ul>	

# Housings for female contacts

	Polarized, with locking	Polarized, without locking	Not polarized no locking
2E	: 1 row	OP	: 1 row
4E	: 2 rows		
OL/OM	: 1 row		
OD	: 1 row		
1L	: 1 row		
			OF
			4F
			7F

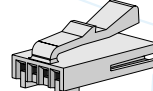
## Typical housings

- Standard OFxx for removable connection with all types of 0.635 mm square or round pin headers. Housings are side to side and end to end stackable.



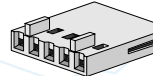
OFxx

- Latching housing OLxx/OMxx for easy mating and unmating to a walled pin header (industry standard locking system).



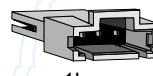
OLxx

- Detent style housing ODxx with retention feature.



ODxx

- Latching receptacle housing 1Lxx for the locking of OMxx/OLxx (with 12410 square male contact only).



1Lxx

- Dual row housing 4Fxx for connection of a double row flexcable jumper onto a 2 rows, 0.635 mm square or round pin header.



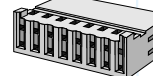
4Fxx

- Low profile housing 7Fxx for right angle connections in high density packaging.



7Fxx

- Low profile housing 2E/4Exx for single/double row walled pin headers.



2E/4Exx

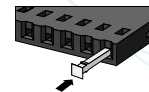
## Summary : all housings have been designed in-house by .

Made of thermoplastic filled with glass fiber and classified UL 94 VO, the housings are known for an excellent resistance to thermal changes and high temperatures.

- Optional features : the latch/polarization feature can be oriented either up or down thanks to thru holes, different plastic, material...

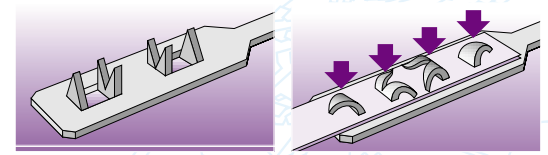
## Accessories :

- Polarization keys



# Flexcable jumpers

- For board-to-board connections (pitch 2.54 mm)



CRIMP FLEX® system patented by

The crimping of the contacts is obtained by piercing the conductor in 6 points, which ensures excellent mechanical retention by 2 points and electrical contact by 4 points with the lowest possible contact resistance.

EXCLUSIVE !

## Crimping environment

- copper conductive, silver or carbon ink printing, ...
- all types of flexible circuits with thickness from 125 µ to 350 µ (other also possible : thinner & thicker !).
- can pierce most supports : polyester, FR4, polyimide, PTFE, ...

## Jumpers

- single and double row
- straight or 90°
- cable with up to 36 conductors
- with tin or gold contacts
- to be soldered or as a removable connection
- insulation possible with polyimide adhesive
- custom configurations

## Standard Part Numbering system

