

## High Density IDC 0.025" Cable Pitch

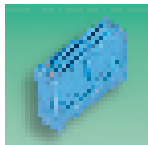
- A range of high density IDC connectors and cable
- Ideally suited for miniature PCB application



Current rating	1.0A	Housing	Blue PBT <b>UL94V-0</b>
Voltage rating	150V ac	Contacts	IDC Beryllium copper
Contact resistance	<15mΩ @ 20mV dc 10mA	Headers	Phosphor bronze
Insulation resistance	1000MΩ @ 500V dc	Plating	0.3-0.5 microns of gold over nickel
Temperature range	-20°C to +80°C		

C167

## Female Sockets (Bump Polarisation)



Centre bump polarised female sockets with integral strain relief.

No. of Ways	H	W	D
26	11.3	11.08	6.0
40	11.3	30.13	6.0
64	11.3	45.37	6.0
80	11.3	55.53	6.0

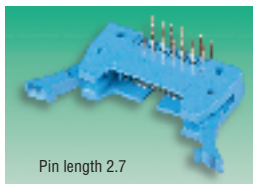
Mftrs. List No. NFXxxA0111, where xx = No. of ways

FOR SUITABLE CRIMP TOOL 150-965 **SEE OPPOSITE**

C168

No. of Ways	Order Code	1+	50+	100+	500+
26	<b>150-934</b>				
40	<b>150-936</b>				
64	<b>150-937</b>				
80	<b>150-938</b>				

## 90° PCB Mounting Headers (Long Latch/Ejectors)



Right angle PCB headers designed to mate with the female sockets above (with strain relief fitted).

No. of Ways	H	W	D
26	8.3	34.44	23.7
40	8.3	43.33	23.7
64	8.3	58.57	23.7
80	8.3	68.73	23.7

Mftrs. List No. NFPxxA0122, where xx = No. of ways

C169

No. of Ways	Order Code	1+	50+	100+	500+
26	<b>150-940</b>				
40	<b>150-942</b>				
64	<b>150-943</b>				
80	<b>150-944</b>				

## Nanoflex Grey 0.025" Pitch Cable



- Suitable for high density IDC connectors
- Flame retardant PVC insulation
- Red edge denotes first conductor
- **UL** approved (style 20536)

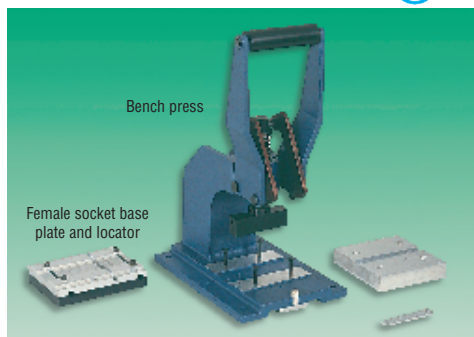
Wire gauge	30 AWG stranded 7/0.1mm tinned copper	Impedance	71Ω
Temperature rating	105°C	Capacitance	105pF/m
Voltage rating	150V	Inductance	0.48μH/m
Current rating	0.5Ar	Propagation delay time	5.4ns/m

Mftrs. List No. FLEX B2xx7/0.1, where xx = No. of conductors

C171

Cut Lengths in 30cm		Price Per 30cm	30.5m Reels	
No. of Conductors	Order Code	1+	Order Code	Price Per Reel 1+ 10+
26	<b>150-952</b>	13.13	<b>150-959</b>	
40	<b>150-954</b>	19.66	<b>150-961</b>	
64	<b>150-955</b>	31.43	<b>150-962</b>	
80	<b>150-956</b>	39.59	<b>150-963</b>	

## Bench Press and Locator Plates



Mftrs. List No. FX003 = 150-965, NFA005 = 150-966

C172

	Order Code	Price Each
Bench press	<b>150-965</b>	
Base plate and locator for female socket	<b>150-966</b>	

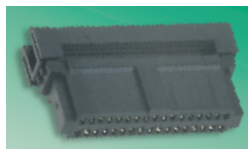


- A range of high density IDC connections and cable
- Space saving low profile design
- Approvals: **UL** and **CSA**

Current rating	1A dc	Dielectric strength	>1000 V dc (sea level)
Insulation resistance	>1000 MΩ	Temperature range	-55°C to +125°C

C1223

## Female Sockets (Bump Polarisation)



- Mates with fine pitch male headers in PC board applications
- High mating cycles
- Reliable, quick mass termination of all types of flat cables
- Daisy chain capability

Housing	Black, glass reinforced thermoplastic <b>UL94V-0</b>
Contacts	Beryllium copper, gold over nickel plating
Termination	Tin/lead plating

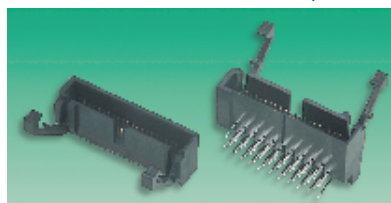
FOR SUITABLE HAND TOOL 313-166 **SEE PAGE 265**  
FOR SUITABLE BENCH PRESS 313-476 **SEE PAGE 265**

C1204

No. of Ways	Mftrs. List No.	Order Code	1+	50+	100+	500+	1000+
<b>Bump polarisation</b>							
26	311-026302	<b>.617-878</b>					
34	311-034302	<b>.617-880</b> †					
40	311-040302	<b>.617-891</b> †					
50	311-050302	<b>.617-908</b> †					
68	311-068302	<b>.617-910</b> †					
100	311-100302	<b>.617-921</b> †					
							<b>Price Each</b>
<b>Hand Tool Die</b>							<b>1+</b>
		779-3112151	<b>.618-240</b>				
<b>Bench Press Plates</b>							
		779-3113151	<b>.618-251</b>				

† Available until stocks are exhausted

## Male PCB Mounting Headers with Latches



- Half the size of standard pitch IDC
- Occupies less board space than standard pitch
- Staggered four row footprint on right angled version for easy routing on PCB
- Space saving vertical lock/eject mechanism on shrouded versions

Housing	Black glass reinforced thermoplastic <b>UL94V-0</b>
Contacts	Copper alloy, gold over nickel plating
Termination	Tin/lead plating