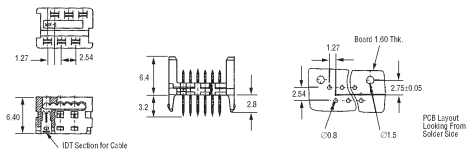


## IDT Connector Systems — continued

### 0.05" (1.27mm) Pitch Connectors and Headers



Maximum Voltage 250Vac Housing White polyester (female) **UL94V-0**  
 Current Conductor (cable dependant) 1.2 A Black Polyester (male) **UL94V-0**  
 Contact Resistance 10mΩ (max) Contact Phosphor bronze alloy (female)  
 (female) Dielectric withstand voltage 750Vrms Brass, (male) tin plated  
 Cable size 28 or 26 AWG (7 strand) ribbon cable Temperature -25°C to 105°C

Mftrs List No. Female Connector = 90327-03xx, Male Header = 90325-00xx  
 where xx = No of ways

FOR SUITABLE RIBBON CABLE SEE SECTION 5

CI213

#### Order Multiple=5

No. of Ways	Order Code	5+	100+	250+	500+	1000+	2500+
<b>Female Connector</b>							
4	673-146						
6	673-158						
8	673-160						
10	673-171						
12	865-345						
14	673-183						
16	673-195						

#### Order Multiple=1

No. of Ways	Order Code	1+	100+	250+	500+	1000+	2500+
18	865-357						
20	673-201						
26	865-369						

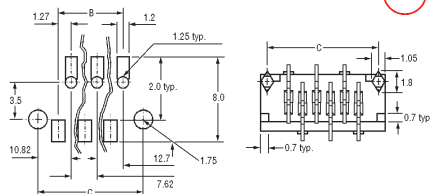
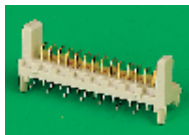
#### Order Multiple=10

No. of Ways	Order Code	10+	100+	250+	500+	1000+	2500+
<b>Male Header</b>							
4	673-213						
6	673-225						
8	673-237						
10	673-249						
12	865-370						
14	673-250						
16	673-262						

#### Order Multiple=1

No. of Ways	Order Code	1+	100+	250+	500+	1000+	2500+
18	865-382						
20	673-274						
26	865-394						

### 0.05" (1.27mm) Pitch Header - SMT



- Stamped SMT contact with in-line flat blades
- Rigid, staggered SMT solder tails

No of Ways	Dimensions(mm)		No of Ways	Dimensions(mm)	
	B	C		B	C
4	3.81	7.66	14	16.51	20.36
6	6.35	10.20	16	19.05	22.90
8	8.89	12.74	18	21.59	25.44
10	11.43	15.28	20	24.13	27.98
12	13.97	17.82	26	31.75	35.60

Mftrs. List No. 90814-00xx, where xx = no. of ways

CI221

#### Order Multiple=5

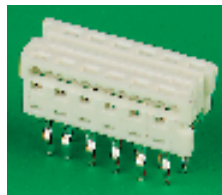
No. of Ways	Order Code	5+	100+	250+	500+	1000+	2500+
4	SMD 865-503						
6	SMD 865-515						
8	SMD 865-527						
10	SMD 865-539						
12	SMD 865-540						
14	SMD 865-552						
16	SMD 865-564						

continued

#### Order Multiple=1

No. of Ways	Order Code	1+	100+	250+	500+	1000+	2500+
18	SMD 865-576						
20	SMD 865-588						
26	SMD 865-590						

### 0.05" (1.27mm) Pitch Board-In



- For permanent board connection
- Kinked solder tails for board retention during soldering
- Fits same board layout as male header

Mftrs. List No. 90584-13xx = No of Ways

H = 6.40mm, D = 7.00mm

CI218

#### Order Multiple=5

No. of Ways	Order Code	5+	100+	250+	500+	1000+	2500+
4	865-400						
6	865-412						
8	865-424						
10	865-436						
12	865-448						
14	865-450						
16	865-461						

#### Order Multiple=1

No. of Ways	Order Code	1+	100+	250+	500+	1000+	2500+
18	865-473						
20	865-485						
26	865-497						

### 0.05" (1.27mm) Pitch Pre Assembled Cables



- Female to Female ribbon assembly
- Low volume or trial applications
- No tooling expense

CI348

No of Ways	Mftrs. List No.	Order Code	1+	5+	10+
<b>Female Cable Assembly - 10CM</b>					
4	92312-0410	303-2036			
6	92312-0610	303-2048			
8	92312-0810	303-2050			
10	92312-1010	303-2061			
12	92312-1210	303-2073			
14	92312-1410	303-2085			
16	92312-1610	303-2097			
18	92312-1812	303-2103			
20	92312-2010	303-2115			
26	92312-2610	303-2127			
<b>Female Cable Assembly - 15CM</b>					
4	92312-0415	303-2139			
6	92312-0615	303-2140			
8	92312-0815	303-2152			
10	92312-1015	303-2164			
12	92312-1215	303-2176			
14	92312-1415	303-2188			
16	92312-1615	303-2190			
18	92312-1815	303-2206			
20	92312-2015	303-2218			
26	92312-2615	303-2220			
<b>Female Cable Assembly - 25CM</b>					
4	92312-0425	303-2231			
6	92312-0625	303-2243			
8	92312-0825	303-2255			
10	92312-1025	303-2267			
12	92312-1225	303-2279			
14	92312-1425	303-2280			
16	92312-1625	303-2292			
18	92312-1825	303-2309			
20	92312-2025	303-2310			
26	92312-2625	303-2322			