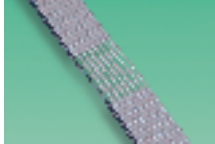


IDT Connector Systems — Continued

0.1" Pitch IDT Notched Ribbon Cable



Single 25mm notch 152.4mm (6") between notching

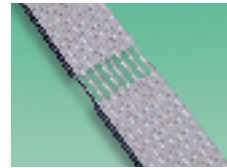
7307 – 28AWG 0.5A

Cable size 0.086mm² stranded (7/36AWG) Connector **7720S** - Colour code (Brown) Grey

Mftrs. List No. 888-xx-0016 where xx = number of ways



0.156" Pitch IDT Notched Ribbon Cable



Single 12mm notch 152.4mm (6") between notching

7382 – 22AWG 3A

Cable size 0.336mm² stranded Connector **7675** - Colour code (Black) Grey

Mftrs. List No. 882-xx-1006 where xx = number of ways



No. of Ways	Order Code	Price Per 5' Coil	No. of Ways	Order Code	Price Per 100' Reel	
					1+	5+
5	148-008	10.50	3	148-013		
6	148-009	11.41	4	148-014		
8	148-010	10.27	5	148-015		
10	148-011	11.80	6	148-016		
12	148-631	13.78	8	148-017		
			10	148-018		
			12	148-634		

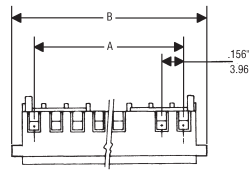
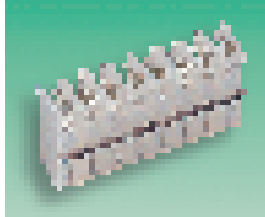
7234 – 26AWG 1.4A

Cable size 0.124mm² solid (1/26AWG) Connector **7720S** - Colour code (Green) Light Grey

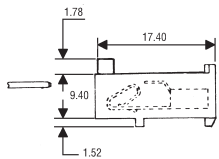
Mftrs. List No. 882-xx-0016 where xx = number of ways

No. of Ways	Order Code	Price Per 5' Coil	No. of Ways	Order Code	Price Per 100' Reel	
					1+	5+
6	147-435	11.31	6	147-140		
8	147-436	9.07	8	147-141		
10	147-437	11.31	10	147-142		

0.156" Pitch IDT SIL Female Sockets



A = Number of ways — 1 3.96 (0.156")
B = A+4.42



7675 — 22 AWG 3.0A

Cable sizes 0.336mm² stranded (22 AWG) 0.22mm² solid (24 AWG) Suitable ribbon cable Housing colour code **7382** Black Contact rating 3A

Mftrs. List No. 09-06-5xx7 where xx = number of ways

No. of Ways	Order Code	Price Each					
		1+	100+	250+	500+	1000+	2500+
2	147-117						
4	147-119						
6	147-121						
8	147-122						
10	147-123						

7675 — 20 AWG 3.0A

Cable sizes 0.5mm² stranded (20 AWG) Suitable discrete wire Housing colour code **16/0.2** Blue Contact rating 3A

Mftrs. List No. 09-06-2xx7 where xx = number of ways

No. of Ways	Order Code	Price Each					
		1+	100+	250+	500+	1000+	2500+
2	147-424						
3	147-425						
5	147-427						
6	147-428						
8	147-429						
10	147-430						

No. of Ways	Order Code	Price Per 5' Coil	Order Code	Price Per 100' Reel	
				1+	5+
6			147-133		
8	147-443	18.75	147-134		
10	147-444	17.19	147-135		

Hand Tools for 0.1" and 0.156" IDT Connectors



Mftrs. List No. 11-02-0016 = 147-124, 11-02-0015 = 147-125, 11-21-5194 = 147-126
69008-0225 = 147-127, 69008-0240 = 147-128

	Order Code	Price Each
'T' crimp tool for 0.1" connectors	147-124	
'T' crimp tool for 0.156" connectors	147-125	
Discrete wire hand assembly gun body	147-126	
0.1" crimp head for 147-126	147-127	
0.156" crimp head for 147-126	147-128	

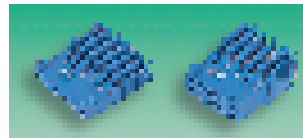
HE 14 Connector System

2.54mm (0.1") Pin Headers and Sockets

- Board to board interconnection system **tyco / Electronics / AMP**
- PCB headers shrouded with polarised friction locks, for excellent connector retention
- Sockets used with 2.54mm pitch IDT ribbon cable or discrete wire
- Complies with European standards **HE1402** and **NFC93401**

Current rating 3A @ 20°C Housing Blue glass filled polyester, **UL94V-0**
Contact resistance 30mΩ max Contacts Phosphor bronze
Insulation resistance 1000MΩ Plating Tin
Proof voltage 500V rms Insertion/withdrawal force 3N max.
Mating cycles 30 Temperature range -40°C to +105°C

IDT Socket Housings



- Polarised sockets, mates with HE14 headers
- Used with discrete wires or IDT ribbon cable
- Quick termination of IDT cables as single or double row assembly

H = 17.8, W = 5.1 (single row), 7.54 (double row), D = (No. of ways) 2.54

Suitable cable size 28-26 AWG, 0.08 - 0.12mm²

Order Multiple=5		Mftrs. List No.	Order Code	Price Each		
No. of Ways				5+	100+	250+
Single Row						
3		281786-3	.429-442			
4		281786-4	.429-454			
5		281786-5	.429-466			
6		281786-6	.429-478			
8		281786-8	.429-480			
10	1-	281786-0	.429-491			
12	1-	281786-2	.429-508			
Double Row						
3+3		281792-3	.429-510			
4+4		281792-4	.429-521			
5+5		281792-5	.429-533			
6+6		281792-6	.429-545			
8+8		281792-8	.429-557			