

## 2.0mm Datamate Connectors

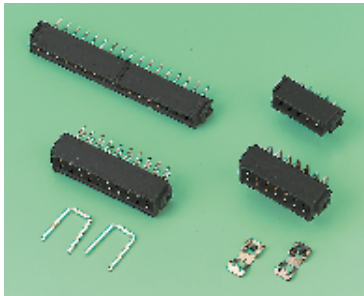


- Suitable for board and board to wire applications
- Single or dual row
- Fully shrouded contacts
- For lead beryllium copper contact suitable for high speed data transmission
- Latches available
- Conforms to requirements of **BS9525-F0033**
- Polarised mouldings
- Retaining straps eliminate strain on PC solder joints

Current rating	3.3 @25°C
Working Voltage	120V dc or ac peak
Contact resistance	25mΩ max
Insulation resistance	100mΩ min @500Vdc
Proof voltage	360V dc or ac peak
Housings	Glass-filled thermoplastic <b>UL94V-0</b>
Contacts, female	Brass shell with beryllium copper inner cont
male	Phosphor bronze
Plating, female	Gold (TIN/LEAD) Shell gold contact on PC conn
male	Gold contact tin/lead tail
Mating	500 cycles
Crimp barrel size	0.723-0.321mm (22-28AWG)

CS540

## PC Plugs



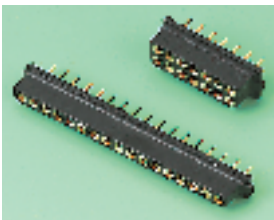
Manufactures list numbers . Where xx = number of ways

SIL Straight	M80-879xx22	DIL right angled	M80-868xx22
DIL Straight	M80-869xx22	Latches	M80F001S
SIL Right angled	M80-878xx22		

CS541

No. of Ways	Order Code	Price Each				
		2+	10+	50+	100+	250+
2	<b>495-979</b>					
3	<b>495-980</b>					
4	<b>496-030</b>					
5	<b>496-042</b>					
6	<b>496-054</b>					
7	<b>496-066</b>					
17	<b>496-078</b>					
<b>DIL Straight</b>						
4+4	<b>496-080</b>					
5+5	<b>496-091</b>					
6+6	<b>496-108</b>					
7+7	<b>494-331</b>					
8+8	<b>494-343</b>					
9+9	<b>494-355</b>					
10+10	<b>496-297</b>					
<b>SIL Right Angled</b>						
2	<b>496-303</b>					
3	<b>495-153</b>					
4	<b>495-165</b>					
5	<b>495-207</b>					
6	<b>495-219</b>					
7	<b>495-244</b>					
17	<b>495-268</b>					
<b>DIL Right Angled</b>						
4+4	<b>495-270</b>					
5+5	<b>495-281</b>					
6+6	<b>495-293</b>					
7+7	<b>495-323</b>					
8+8	<b>495-335</b>					
9+9	<b>495-347</b>					
10+10	<b>495-359</b>					
Latches	<b>495-360</b>					

## PC Sockets



Manufactures List No. Where xx = number ways  
 SIL Straight M80-897xx05  
 DIL Straight M80-887xx05

CS542

## Order Multiple=2

No. of Ways	Order Code	Price Each				
		2+	10+	50+	100+	250+
2	<b>495-372</b>					
3	<b>495-384</b>					
4	<b>495-440</b>					
5	<b>495-451</b>					
6	<b>495-487</b>					
7	<b>495-499</b>					
17	<b>495-505</b>					

## DIL Straight

4+4	<b>495-529</b>
5+5	<b>495-554</b>
6+6	<b>495-566</b>
7+7	<b>495-578</b>
8+8	<b>495-580</b>
9+9	<b>495-591</b>
10+10	<b>495-610</b>

## Hoods



- Provides cable strain relief when used with double row housings
- For use with unlatched connectors only
- Pin 1 identified on hood

Manufacturers list numbers. Where xx = number of ways  
 DIL Hoods M80-880xx98

CS544

## Order Multiple=2

No. of Ways	Order Code	Price Each				
		2+	10+	50+	100+	250+
<b>Hood</b>						
5+5	<b>495-669</b>					
6+6	<b>495-694</b>					
7+7	<b>495-724</b>					
8+8	<b>495-748</b>					
9+9	<b>495-750</b>					
10+10	<b>495-761</b>					

## Housings and Crimps



Manufacturers list Numbers: Where xx = number of ways

SIL Housings	M80F101xx98S
DIL Housings	M80F103xx98S

CS522

## Order Multiple=2

No. of Ways	Order Code	Price Each				
		2+	10+	50+	100+	250+
<b>SIL</b>						
2	<b>495-773</b>					
3	<b>495-785</b>					
4	<b>495-797</b>					
5	<b>495-803</b>					
6	<b>495-815</b>					
7	<b>495-827</b>					
17	<b>495-839</b>					
<b>DIL</b>						
4+4	<b>495-840</b>					
5+5	<b>495-852</b>					
6+6	<b>495-864</b>					
7+7	<b>495-876</b>					
8+8	<b>495-888</b>					
9+9	<b>495-890</b>					
10+10	<b>495-906</b>					

## Order Multiple=10

CRIMPS	Mfrs. List No.	Order Code	Price Each			
			10+	100+	500+	1000+
0.511-0.321 (24-28AWG)	M80F0130005	<b>495-918</b>				
0.644 (22AWG)	M80F0110005	<b>495-920</b>				

## Tooling



- Hand crimp tool to **BS5210-3A** and **MIL M22520/2-01**
- Hand tool and Positioner required to crimp terminals
- Separator tool releases latches prior to unplugging

CS543

Tooling	Order Code	Price Each
		1+
Hand crimp tool	<b>495-931</b>	
Positioner	<b>495-943</b>	
Insertion/removal tool for crimps	<b>495-955</b>	
Separation Tool	<b>495-967</b>	