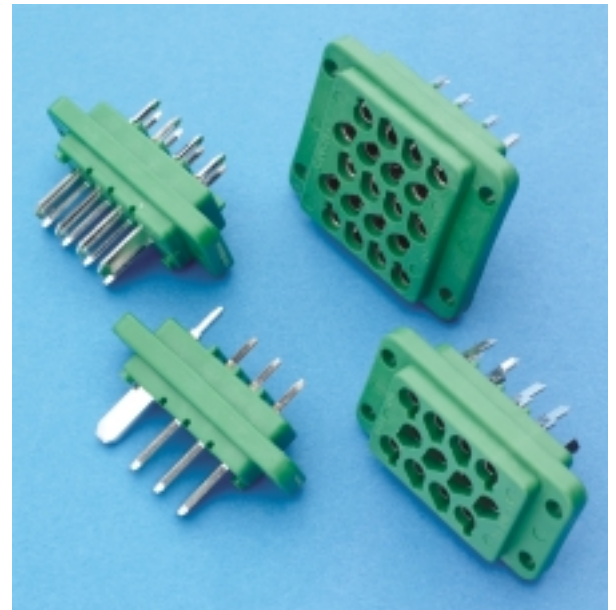


■ Features

Cinch Connectors 'J' connectors incorporate patented resilient finger contacts.

Twelve fingers engage with each flat plug pin to provide low contract resistance, high current carrying capacity and minimum insertion and withdrawal forces.

These special features help to provide a thoroughly reliable connector, enhanced by Mk.2 shells moulded in grey high impact thermoplastic for appearance and durability.



■ MK. 2 Shells

No. 4 thread cutting screws with Pozidriv heads are provided loose for assembly of plugs/sockets into Mk. 2 shells.

For uniformity Pozidriv headed screws are now supplied for cable clamp adjustments.

■ Materials and finishes

| | |
|-----------------|---|
| Mouldings | High impact thermoplastic - green |
| Plug blades | Brass - silver plated |
| Socket contacts | Copper alloy - silver plated |
| Shells | High impact thermoplastic colour - Grey |

■ Technical Data

| | |
|-----------------------|---|
| Number of ways | 4, 8, 12 and 20 |
| Working voltage | 900 V d.c. or a.c. peak |
| Current rating | 5A |
| Voltage proof | 3 kV between contacts and 2.8 kV between contacts and frame d.c. or a.c. peak |
| Contact resistance | 5 milliohms |
| Insulation resistance | 5,000 megohms min. |
| Temperature range | -40°C to +100°C |

■ Connector sizes and contact arrangements

| Connector | Plug | Socket | Shell |
|-----------|-------|--------|-------|
| 4 | JA76 | JA76 | JA76 |
| 4 | 77844 | 77845 | 83383 |
| 4 | 00 | 00 | 00 |
| 4 | 000 | 000 | 0PB |
| 4 | 000 | 000 | 000 |



| Connector | Plug | Socket | Shell |
|-----------|-------|--------|-------|
| 8 | JA76 | JA76 | JA76 |
| 8 | 77846 | 77847 | 83384 |
| 8 | 00 | 00 | 00 |
| 8 | 000 | 000 | 0PB |
| 8 | 000 | 000 | 000 |



| Connector | Plug | Socket | Shell |
|-----------|-------|--------|-------|
| 12 | JA76 | JA76 | JA76 |
| 12 | 77848 | 77849 | 83385 |
| 12 | 00 | 00 | 00 |
| 12 | 000 | 000 | 0PB |
| 12 | 000 | 000 | 000 |



| Connector | Plug | Socket | Shell |
|-----------|-------|--------|-------|
| 20 | JA76 | JA76 | JA76 |
| 20 | 77850 | 77851 | 83386 |
| 20 | 00 | 00 | 00 |
| 20 | 000 | 000 | 0PB |
| 20 | 000 | 000 | 000 |



Customer Notes

How to order: Plugs, sockets and shells must be ordered separately.

Contact identification: Contacts are numbered on the termination side of both plugs and sockets.

Please consult factory for further information.