



Datasheet for part number ZDC37S-1AKN-146

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|----------------------------------------------------------------------|
| Our Catalog Part Number: ZDC-37-S-1AKN-146                           |
| Our Global Manufacturing Part Number: 119998-3058                    |
| Brand: Cannon Product Category: D Sub Product Line: D Sub Series: ZD |

| Product Datasheet               |                                               |
|---------------------------------|-----------------------------------------------|
| General                         | Low cost connector                            |
| Wire Gauge Range AWG            | AWG 20-28                                     |
| Mating Cycles                   | 50                                            |
| Dielectric Withstanding Voltage | 1000 VAC at sea level                         |
| Current Rating                  | 5 A max                                       |
| Contact Resistance              | 20 milli Ohm max                              |
| Operating Temperature           | -55°/+105°                                    |
| Salt Spray Test                 | 12 hours                                      |
| Shell Material                  | steel                                         |
| Shell Finish                    | tin                                           |
| Insulator Material              | glass filled Thermoplastic, type PCT UL 94V-0 |
| Insulator Color                 | black                                         |
| Contact Arrangement             | 37 contacts size 20                           |
| Gender                          | Socket                                        |
| Contact Type                    | stamped                                       |
| Contact Material                | copper alloy                                  |
| Contact Finish                  | gold flash (Performance Class 3)              |
| Contact Termination             | Right angled solder                           |
| Mounting Method                 | Plastic bracket with Screwlock 4-40           |
| PCB                             | Pushfit for PCB hold diameter 3.0             |