



# Datasheet for part number DCA37SA197FO

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| Our Catalog Part Number: DCA-37S-A197-F0                              |
| Our Global Manufacturing Part Number: 119998-0358                     |
| Brand: Cannon Product Category: D Sub Product Line: D Sub Series: D*A |

| Product Datasheet                  |                                                                                                                                                     |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| General                            | Crimp Connector without contacts                                                                                                                    |
| Wire Gauge Range AWG               | AWG 20-28                                                                                                                                           |
| Mating Cycles                      | 50, 200                                                                                                                                             |
| Dielectric Withstanding Voltage    | 500 VAC at sea level                                                                                                                                |
| Current Rating                     | 5 A max                                                                                                                                             |
| Contact Resistance                 | 15 milli Ohm max                                                                                                                                    |
| Operating Temperature              | -55°/+105°                                                                                                                                          |
| Salt Spray Test                    | 12 hours                                                                                                                                            |
| Shell Material                     | steel                                                                                                                                               |
| Shell Finish                       | Yellow chromate over zinc                                                                                                                           |
| Insulator Material                 | Thermoplastic, type PCT UL 94V-0                                                                                                                    |
| Insulator Color                    | black                                                                                                                                               |
| Contact Arrangement                | 37 contacts size 20                                                                                                                                 |
| Gender                             | Socket                                                                                                                                              |
| Contacts                           | delivery without contacts, please order separately                                                                                                  |
| Available contacts Size 20 Female: | AWG 20-24:<br>A191: 980-2002-304 / 400 per Reel<br>Gold flash (class 3): 980-200-923 / 5000 per Reel<br>A191 (class 2): 980-200-943 / 5000 per Reel |
| Contact Type                       | stamped                                                                                                                                             |
| Contact Material                   | copper alloy                                                                                                                                        |
| Contact Finish                     | gold over nickel                                                                                                                                    |
| Contact Termination                | Crimp                                                                                                                                               |
| Mounting Methode                   | .120" (3,05mm) Through Hole                                                                                                                         |