



Datasheet for part number DDMD-50S-J-F225

|                                          |                                                         |
|------------------------------------------|---------------------------------------------------------|
| Our Catalog Part Number: DDMD-50S-J-F225 |                                                         |
| Brand: Cannon                            | Product Category: D Sub Product Line: D Sub Series: D*M |

| Product Datasheet               |                                                                                                    |
|---------------------------------|----------------------------------------------------------------------------------------------------|
| General                         | D*M High reliable D-Sub Connectors                                                                 |
| Wire Gauge Range AWG            | AWG 20-28                                                                                          |
| Mating Cycles                   | 200                                                                                                |
| Contact Arrangement             | 50 contacts size 20                                                                                |
| Dielectric Withstanding Voltage | 1000 VAC at sea level                                                                              |
| Current Rating                  | 7.5 A max                                                                                          |
| Contact Resistance              | 7.5 milli Ohm max                                                                                  |
| Operating Temperature           | -55°/+125°                                                                                         |
| Salt Spray Test                 | 20 hours                                                                                           |
| Shell Material                  | Passivated stainless steel                                                                         |
| Shell Finish                    | Stainless steel shell                                                                              |
| Insulator Material              | Thermoplastic, type PCT UL 94V-0                                                                   |
| Insulator Color                 | black                                                                                              |
| Gender                          | Socket                                                                                             |
| Contact Type                    | Right angled PCB                                                                                   |
| Contact Material                | copper alloy                                                                                       |
| Contact Finish                  | gold over nickel                                                                                   |
| Hardware                        | 90° Metal Bracket, 4-40 Fastener and 4-40 Screwlock                                                |
| Disclaimer                      | Our facility is not currently certified by the DLA and this product is not covered by the QPL/QML. |