



Datasheet for part number DCMG37PRK87

|                                         |                                                         |
|-----------------------------------------|---------------------------------------------------------|
| Our Catalog Part Number: DCMG-37P-R-K87 |                                                         |
| 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             | 37 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                  | steel                                                       |
| Shell Finish                    | pur tin over nickel                                         |
| Insulator Material              | Thermoplastic, type PCT UL 94V-0                            |
| Insulator Color                 | black                                                       |
| Gender                          | Pin                                                         |
| Contact Type                    | Right angled PCB                                            |
| Contact Material                | copper alloy                                                |
| Contact Finish                  | gold over nickel                                            |
| Hardware                        | 90° Metal Bracket, 4-40 Fastener, 4-40 Screwlock, Boardlock |