# Datasheet for part number APD-1BS37

| Our Catalog Part Number: APD-1BS37 |
|---|
| Our Global Manufacturing Part Number: 121583-0058 |
| Brand: Cannon Product Category: Transportation Product Line: Vector/APD/Harness/Others Series: AP / APD / APK |

| Product Datasheet | |
|---|---|
| Series | APD 37-way |
| Connector Type | Plug |
| Contact Gender | Socket |
| Coding (mechanical keying/visual color coding) | Code 1 - black (RAL 9005) |
| Contact Quantity | 37 |
| Operating Voltage | 48 VDC |
| Operating Current | see derating curve (catalog) |
| Contact Resistance | 5 mΩ max |
| Voltage Proof | 1000 VAC, 60 seconds |
| Insulator Resistance | 10 MΩ min. |
| Mating Cycles | 20 Mating Cycles |
| Coupling Torque | 4 Nm max |
| Static Load | 250 N axial, 150 N lat. (ISO 15170-2, Sec. 4.5) |
| Dynamic Impact | Free fall with cable (EN 61984 Sec. A9, height 1m) |
| Temperature Rating | -40 °C up to 125 °C (ISO 15170-2, Sec. 6.4) |
| Humidity Range | up to 95 % r.h. (ISO 15170-2, Sec. 6.4) |
| Environmental Sealing | IP 67 + IP 69k (DIN EN 60529) |
| Salt Spray | 96 h, 35 °C (ISO 15170-2, Sec. 6.2) |
| Industrial Climate | $SO_2$, 0,67 % (ISO 15170-2, Sec. 6.3) |
| Fluid Compatibility | Brakefluid, ATF, fuel, .. (ISO 15170-2, Sec. 6.6) |
| Vibration Resistance | Sine, 300 m/s², 3 x 100h, RT and 120°C (ISO 15170-2) |
| Housing Material | PA 66 GF |
| Sealing Material | FKM (alternative FVMQ) |
| Coupling Nut Material | PA 6 GF |
| Contacts Included | No, order separately |

Specifications and dimensions subject to change.



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