Datasheet for part number APD-1AP37R

Our Catalog Part Number: APD-1AP37R
Our Global Manufacturing Part Number: 249-8619-017
Brand: Cannon Product Category: Transportation Product Line: Vector/APD/Harness/Others Series: AP / APD / APK

Product Datasheet	
Series	APD 37-way
Connector Type	Flange Receptacle (Front or Rear Mount)
Contact Gender	Pin
Coding (mechanical keying/visual color coding)	Code 1 - black (RAL 9005)
Contact Quantity	37
Mounting Method	Rear Mount
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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