



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 and visual color coding)	Code 1 - black (RAL 9005)
Contact Quantity	37
Mounting methode	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.
Durability	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 range	-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)
Enivornmental 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/s ² , 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