Datasheet for part number APD-59BS-HV

Our Catalog Part Number: APD-59BS-HV
Our Global Manufacturing Part Number: 121583-0213
Brand: Cannon Product Category: Transportation Product Line: Vector/APD/Harness/Others Series: AP / APD / APK

Product Datasheet	
SERIES	APD High Voltage 4-way
CONNECTOR TYPE	Plug
GENDER	Socket
CODING (mechanical keying and visual color coding)	Code 5 - orange (RAL 2003)
OPERATING VOLTAGE	500 VDC
OPERATING CURRENT	see derating curve (catalog)
CONTACT RESISTANCE	5 mΩ max
VOLTAGE PROOF	3500 VAC, 60 seconds
INSULATOR RESISTANCE	10 MΩ min.
DURABILITY	50 Mating Cycles
COUPLING TORQUE	1,2 Nm max
STATIC LOAD, MATED CONNECTOR	250 N axial, 150 N lat. (ISO 15170-2, Sec. 4.5)
STATIC LOAD, FREE CONNECTOR	350 N (ISO 15170-2, Sec. 4.6)
TEMPERATURE RANGE	-40 °C up to 140 °C (ISO 15170-2, Sec. 6.4), 30g
HUMIDITY RANGE	up to 95 % r.h. (ISO 15170-2, Sec. 6.4)
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	PBT GF
SEALING MATERIAL	HNBR (alternative FKM)
COUPLING NUT MATERIAL	PA 66 GF
CONTACTS MATERIAL	please order contact separately

Specifications and dimensions subject to change.