Amphenol PCD

Luminus Series lighting connectors from Amphenol PCD.

Luminus. Enlightened connectivity.



Luminus. Innovative lighting connectors from the most trusted name in global interconnect.



Whether lighting an aircraft cabin or a personnel carrier, a Luminus connector excels in high-vibration harsh environments that would shake another connector to its core. Based on Amphenol PCD's exceptional military-grade connectors, Luminus combines industry-leading reliability, ease-of-use, light weight and environmental standards into a package that meets today's most demanding lighting requirements.

Luminus is a compact, configurable interconnect with an easy, secure coupling mechanism and tough polyamide housing. Luminus is ideal for today's sophisticated commercial, military and industrial vehicle interior environments in which full-spectrum, adjustable, and LED lighting creates a more comfortable or productive atmosphere. Yet the rugged Luminus connector equally withstands the punishment of vehicle exterior and emergency lighting. Its small footprint and aircraft-grade cable-mount accessories allow for fast, efficient assembly, while standard MIL-C-39029 contacts are used for additional benefit.



Luminus gets light moving.

From commercial aircraft, to railway, to military applications, Luminus allows you to design-in more capability with less material for a friendlier environment inside and outside the vehicle.

Delivering your Luminus interconnect solution is Amphenol PCD's team of expert design engineers, experienced and responsive customer service representatives, and renowned precision manufacturing personnel.





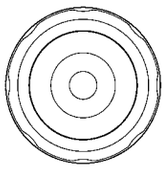




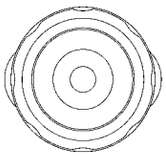




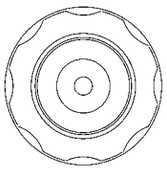
Luminus availability & highlights.



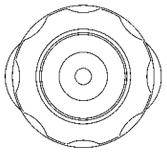
SJS512100
Inline plug
Size 12



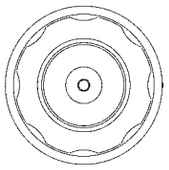
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Size 12



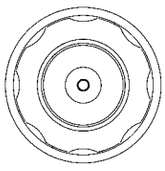
SJS716100
Inline plug
Size 16



SJS716200
Inline receptacle
Size 16



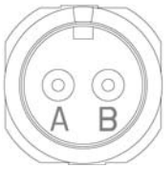
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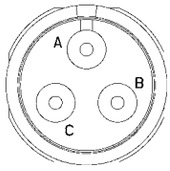
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Inline receptacle
Size 20



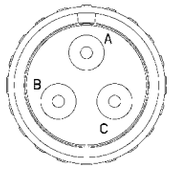
SJS830250
Inline plug
Size 22



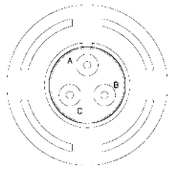
SJS830270
Inline receptacle
Size 22



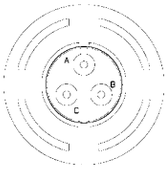
SJS840300
Inline receptacle
Size 16



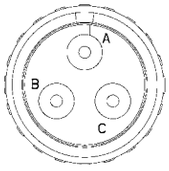
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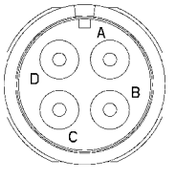
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Panel receptacle
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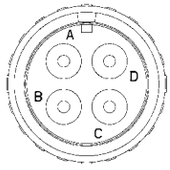
SJS840330
Panel receptacle, Alt
Size 16



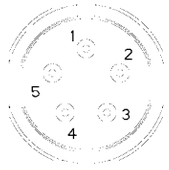
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Panel plug, Alt
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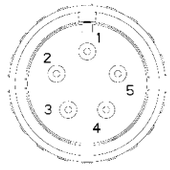
SJS840400
Inline receptacle
Size 16



SJS840410
Inline plug
Size 16



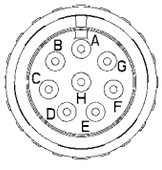
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Inline receptacle
Size 22



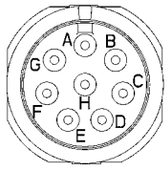
SJS840510
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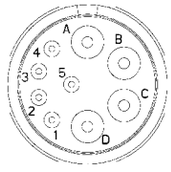
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Panel receptacle
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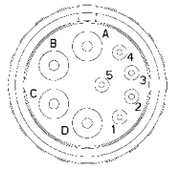
SJS830100
Inline plug
Size 22



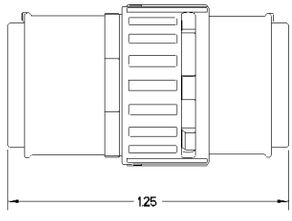
SJS830200
Inline receptacle
Size 22

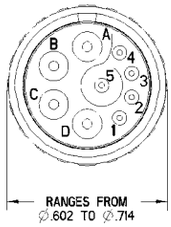


SJS840900
Inline receptacle
4 - Sz 16; 5 - Sz 22



SJS840910
Inline plug
4 - Sz 16; 5 - Sz 22





PERFORMANCE

TEMPERATURE
-55 C° to 155 C°

MIL-C-39029 CONTACTS
Accepts standard
MIL-C-39029/56-57-58 contacts.

Customized solutions available.

INSULATION RESISTANCE
5000 Megaohms Min.

DIELECTRIC WITHSTANDING VOLTAGE
1500 VRMS at Sea Level
600 VRMS at 45,000 ft.

FLAMMABILITY
UL94, V0

MATERIALS

INSULATER BODY
Polyamide 6/6

GROMMET
Silicone Rubber

CONTACT RETAINERS
Stainless Steel

Amphenol PCD is a Division of Amphenol Corporation (NYSE:APH), one of the largest manufacturers of interconnect products in the world. Amphenol designs, manufactures and markets electrical, electronic and fiber optic connectors, connector systems, and coaxial and flat-ribbon cable; and maintains extensive manufacturing and engineering facilities in North and South America, Europe, Asia and Australia.

Amphenol PCD is dedicated to providing users in the Military-Aerospace and Industrial markets with a wide variety of high reliability, high performance connectors and rugged system packages.



Luminus lighting connectors
from Amphenol PCD are lighting the way.



Amphenol PCD

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www.amphenolpcd.com

Mouser Electronics

Authorized Distributor

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