

# 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.

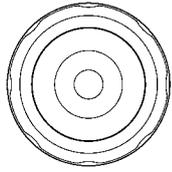
From commercial aircraft, to railway, to military applications, Luminus allows you to design-in more capability with less material for a friendlier environment inside and outside the vehicle.

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.

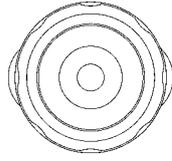




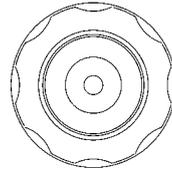
# Luminus availability & highlights.



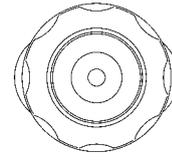
SJS512100  
Inline plug  
Size 12



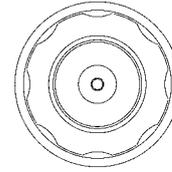
SJS512200  
Inline receptacle  
Size 12



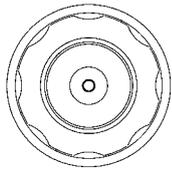
SJS716100  
Inline plug  
Size 16



SJS716200  
Inline receptacle  
Size 16



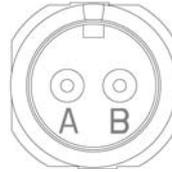
SJS720100  
Inline plug  
Size 20



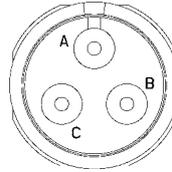
SJS720200  
Inline receptacle  
Size 20



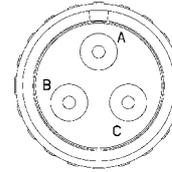
SJS830250  
Inline plug  
Size 22



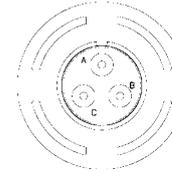
SJS830270  
Inline receptacle  
Size 22



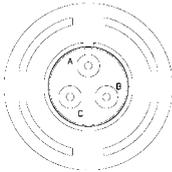
SJS840300  
Inline receptacle  
Size 16



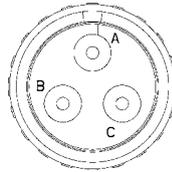
SJS840310  
Inline plug  
Size 16



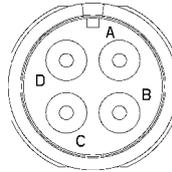
SJS840320  
Panel receptacle  
Size 16



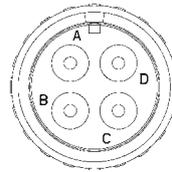
SJS840330  
Panel receptacle, Alt  
Size 16



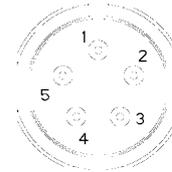
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Panel plug, Alt  
Size 16



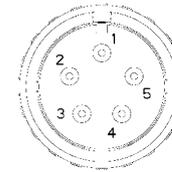
SJS840400  
Inline receptacle  
Size 16



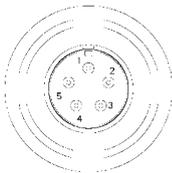
SJS840410  
Inline plug  
Size 16



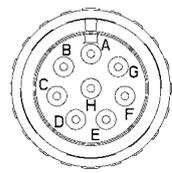
SJS840500  
Inline receptacle  
Size 22



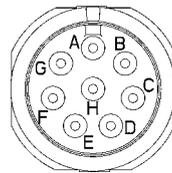
SJS840510  
Inline plug  
Size 22



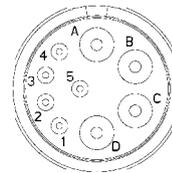
SJS840520  
Panel receptacle  
Size 22



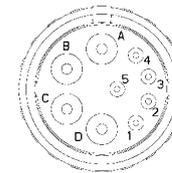
SJS830100  
Inline plug  
Size 22



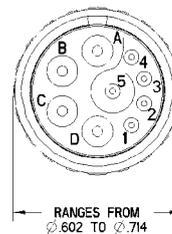
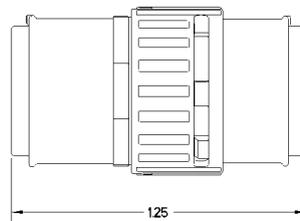
SJS830200  
Inline receptacle  
Size 22



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.

### INSULATION RESISTANCE

5000 Megohms Min.

### DIELECTRIC WITHSTANDING VOLTAGE

1500 VRMS at Sea Level  
600 VRMS at 45,000 ft.

### FLAMMABILITY

UL94, V0

## MATERIALS

### INSULATOR BODY

Polyamide 6/6

### GROMMET

Silicone Rubber

### CONTACT RETAINERS

Stainless Steel

*Customized solutions available.*

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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