



# SYNERGY

INNOVATIVE DIVING EQUIPMENT TRADING LLC

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## 8 Pin Circular Connector Receptacle, Female - Amphenol



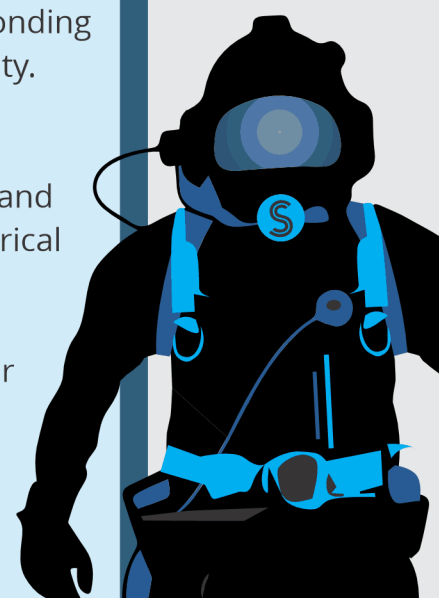
### 8-Pin Female Circular Connector Receptacle

This 8-pin female circular connector receptacle is built to deliver robust and reliable performance in harsh industrial, marine, and aerospace environments.

Manufactured to Amphenol-style MIL-DTL-5015 specifications, it ensures seamless compatibility with standard circular mating connectors. The receptacle design with socket (female) contacts supports secure mating with corresponding male plug connectors, providing excellent mechanical and electrical integrity.

Featuring a threaded coupling mechanism, the connector resists vibration, shock, and environmental stress. Its solder cup terminals allow for secure and durable wire connections, while the silver-plated contacts ensure low electrical resistance and high signal fidelity.

Engineered with a compact circular shell, the connector is ideal for panel or enclosure mounting in applications where reliability under extreme conditions is critical, such as Underwater equipment, Aerospace instrumentation, Heavy-duty industrial controls, Marine communication systems





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Technical	Specifications:
Connector Type	Circular Receptacle (Female Contacts)
Gender	Female (Socket Contacts)
Number of Contacts	8
Mounting Style	Box / Panel Mount
Coupling Mechanism	Threaded
Contact Termination	Solder Cup
Contact Material	Copper Alloy
Contact Plating	Silver
Shell Material	Aluminum Alloy
Shell Finish	Olive Drab Cadmium (per MIL-DTL-5015 standard)
Shell Size - Insert Arrangement	18-8
Operating Voltage	Up to 500V RMS
Current Rating	Approx. 13A
Ingress Protection	IP67 when mated with compatible plug and environmental sealing
Operating Temperature	-55°C to +125°C
Standards Compliance	MIL-DTL-5015
RoHS Compliant	No (cadmium plating not RoHS compliant)





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### Contact us



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