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# Delphi

## Delphi 15326835 Aptiv Formerly Mouser



## Product Overview

- **Part Number:** 15326835
- **Type:** Female (Receptacle)

- **Positions:** 8
- **Series:** GT 150 Sealed
- **Dimensions:** 29.3 mm (L) x 28.2 mm (H) x 32.7 mm (W)
- **Material:** PA6 with 10% glass fiber and 20% glass beads
- **Color:** Black
- **Wire Gauge Compatibility:** 22 AWG to 20 AWG
- **Current Rating:** 15 A
- **Temperature Range:** -40°C to 125°C
- **Locking Mechanism:** Features a pump-handle primary lock for secure mating
- **Connector Position Assurance (CPA):** Ensures proper engagement

## Specifications

- **Product Type:** Connector
- **Status:** Active
- **Family Series:** GT
- **Cavities:** 8
- **Terminal(s) blade size [mm]:** 1.5
- **Sealed:** Sealed
- **Gender:** Female
- **Temperature range:** -40 to 125
- **Material:** Nylon
- **Weight [g]:** 12.17745
- **ELV compliant:** Yes
- **RoHs compliant:** Yes

## Product Usage Instructions

1. Ensure that the product is compatible with your device or equipment.
2. Identify the appropriate terminals for connection based on the blade size specified.
3. Handle the connector with care to maintain its seal integrity.
4. Operate within the specified temperature range to prevent damage.
5. Follow standard electrical connection procedures for a female connector.

## Setup & Installation Instructions

## **Identify Connector Components**

- Female housing
- Connector position assurance (CPA) lock
- Seals
- Crimp terminals
- Ensure all components are present before starting.

## **Prepare Wires**

- Strip wire insulation according to the terminal manufacturer's specification (usually 4–5 mm).
- Ensure no nicks or damage to the conductor.

## **Select the Correct Terminal**

- Use terminals compatible with 22–20 AWG wires.
- Check plating (tin) and shape compatibility with the GT 150 series female housing.

## **Crimp Terminals**

- Use a certified crimping tool for GT 150 series terminals.
- Insert stripped wire into terminal barrel.
- Crimp firmly without over-compressing.
- Verify mechanical and electrical integrity.

## **Insert Terminal into Housing**

- Push the crimped terminal into the correct cavity until it clicks.
- Ensure you hear a tactile snap (indicating proper seat).
- Verify the terminal is secure and cannot be pulled out.

## **Install Connector Position Assurance (CPA)**

- Slide CPA into place until fully engaged.
- CPA ensures terminals remain locked under vibration and stress.

## **Seal Installation**

- Install wire seals on all wires before inserting terminals if using sealed configuration.
- Ensure the seal fits snugly in the housing.

## **Connect to Mating Connector**

- Align the female connector with the male plug.
- Push together until the primary lock engages.
- Verify the CPA confirms proper mating.

## **Check Connections**

- Pull gently on wires to confirm terminals are fully seated.
- Inspect sealing surfaces to ensure no gaps.
- Verify the connector is locked and aligned properly.

## **Label & Document**

- Mark the connector with the part number or function if needed for future maintenance.
- Document wire assignments and connector orientation for system reference.

## **Safety & Handling Tips**

- Do not force connectors together; misalignment can damage terminals.
- Avoid pulling wires without removing the CPA and terminals first.
- Ensure environmental seals are intact for automotive or harsh conditions.
- Follow the manufacturer's torque specifications if applicable for mounting brackets.

## **Frequently Asked Questions**

Is this connector suitable for automotive applications?

Yes, this connector is suitable for automotive use as it is sealed and compliant with relevant standards.

Can I use this connector outdoors?

The connector can withstand a temperature range of -40 to 125 degrees, making it suitable for outdoor use in various conditions.


How many cavities does this connector have?

This connector has 8 cavities for terminal connections.

What is the weight of this connector?

The weight of the connector is approximately 12.17745 grams.

## Documents / Resources

	<a href="#">Delphi 15326835 Aptiv Formerly Mouser [pdf]</a> User Manual 15326835, 15326835 Aptiv Formerly Delphi Mouser, 15326835, Aptiv Formerly Delphi Mouser, Delphi Mouser, Mouser
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## References

- [User Manual](#)

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