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## Subminiature and Microminiature D Connectors

### ↳ Standard Cable Connectors


**745493-2**

[Active](#)

[Not ELV or RoHS Compliant](#)

**(Corporate P/N: 745493-2)**

[Search for Compliant \(RoHS/ELV\)](#)
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**Related Part Information**

General Information	eCommerce	Related Part Information
<ul style="list-style-type: none"> <li>↳ <a href="#">General Info</a></li> <li>↳ <a href="#">Sales Info</a></li> <li>↳ <a href="#">Assembly Subcontractors</a></li> </ul>	<ul style="list-style-type: none"> <li>↳ <a href="#">Pricing &amp; Availability</a></li> </ul>	<ul style="list-style-type: none"> <li>↳ <a href="#">Tooling</a></li> </ul>

**Photos & Line Drawings** - The photographs and/or line drawings are representative images of a product for viewing purposes only.

[Product Photo](#)
**Searchable Features:**

<b>Brand:</b>	AMP
<b><a href="#">RoHS/ELV Compliance:</a></b>	Not ELV/RoHS compliant
<b><a href="#">Lead Free Solder Processes:</a></b>	Not relevant for lead free process
<b><a href="#">Product Type:</a></b>	Connector
<b><a href="#">Product Series:</a></b>	HDE-20 (IDC)
<b>Number of Positions:</b>	15
<b><a href="#">Gender:</a></b>	Receptacle
<b><a href="#">Contacts:</a></b>	With
<b><a href="#">Wire/Cable Type:</a></b>	Discrete Wire, Round Jacketed Cable

**Other Properties:**

<b>Contact Material:</b>	Phosphor Bronze
<b>Color:</b>	Black
<b>Shell Material:</b>	Steel
<b>Shell Plating:</b>	Tin
<b>Insert Material:</b>	Thermoplastic
<b>Insert Flammability Rating:</b>	UL 94V-0

<b><u>Wire Termination Type:</u></b>	Insulation Displacement Crimp (IDC)
<b><u>Wire Insulation Diameter (mm [in]):</u></b>	1.52 [0.060]
<b><u>Wire Range (mm<sup>2</sup> [AWG]):</u></b>	0.15 - 0.40 [26-22]
<b><u>Mating Connector Lock:</u></b>	With
<b><u>Mating Connector Lock Type:</u></b>	Mounting Holes
<b><u>Shell Size:</u></b>	2
<b><u>Shell Type:</u></b>	Full Metal Shell
<b><u>Contact Mating Area Plating:</u></b>	Gold (30)
<b><u>Contact Termination Area Plating:</u></b>	Tin Lead over Nickel
<b><u>Contact Size:</u></b>	20
<b><u>Grounding Indents:</u></b>	Without
<b><u>Grade:</u></b>	Standard

**Comment:**

All connectors are preloaded. Individual conductor strands should be larger than 0.13 [.005] diameter. Contacts accept a max. wire insulation thickness of 0.38 [.015]. HDE connectors are designed for terminating solid or stranded (7-strand max.) wire. Connectors can be made available with clinch nuts, contact AMP Incorporated HDE connectors are designed for terminating solid or stranded (7-strand max.) wire. Individual conductor strands should be larger than 0.127 in. [.005] diameter.

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