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Monday, 31 October, 2005

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**Subminiature and Microminiature D Connectors**  
**↳ Standard Cable Connectors**

**AMP 745495-2** **Active**

Not ELV or RoHS Compliant

**(Corporate P/N: 745495-2)**

Search for Compliant (RoHS/ELV)

Alternates

Search for Parts

Document links for this part cannot be displayed. Your browser does not support inline frames or is currently configured not to display inline frames. Inline frames are supported in both Internet Explorer 5 and Netscape 6, as well as all later versions of these browsers.

**Related Part Information**

General Information	eCommerce	Related Part Information
<ul style="list-style-type: none"> <li>General Info</li> <li>Sales Info</li> <li>Assembly Subcontractors</li> </ul>	<ul style="list-style-type: none"> <li>Pricing &amp; Availability</li> </ul>	<ul style="list-style-type: none"> <li>Tooling</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>	25
<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>	3
<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>	Bright 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 RS-232, size 3 connector, for 0.15-0.4 mm<sup>2</sup> [26-22] AWG wire select loaded circuits 1-8, 15, 17, 20 and 22, Plug Part No. 747740-1, Receptacle Part No. 747741-1, gold flash contacts 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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