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Thursday, 17 November, 2005

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**Subminiature and Microminiature D Connectors**  
**↳ Standard Board Mount Connectors**

**AMP** 747871-2 **Active**

[Not ELV or RoHS Compliant](#)

**(Corporate P/N: 747871-2)**

[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 suitable for lead free processing
<b><a href="#">Number of Positions:</a></b>	9
<b><a href="#">Gender:</a></b>	Plug
<b><a href="#">PCB Mount Angle:</a></b>	Vertical
<b><a href="#">Product Series:</a></b>	HD 20
<b><a href="#">Mating Connector Lock:</a></b>	Without
<b><a href="#">PCB Retention Feature:</a></b>	With

**Other Properties:**

<b>Sealed:</b>	No
<b>Application:</b>	Standard
<b>Profile:</b>	Standard
<b>Post Size (mm [in]):</b>	0.66 [.026]
<b>Contact Shape:</b>	Round
<b>Mounting Hole Diameter (mm [in]):</b>	3.05 [.120]
<b>Housing Material:</b>	Thermoplastic
<b>Contact Material:</b>	Brass
<b>Shell Material:</b>	Steel
<b>Shell Plating:</b>	Tin
<b>Housing Flammability Rating:</b>	UL 94V-0

<b><u>PCB Retention Method Feature:</u></b>	Mounting Holes
<b><u>Shell Type:</u></b>	Front Metal Shell
<b><u>Shell Size:</u></b>	1
<b><u>Panel Attachment:</u></b>	No
<b><u>Grounding Clips:</u></b>	Without
<b><u>Termination Post Length (mm [in]):</u></b>	3.18 [0.125]
<b><u>PCB Thickness (in [mm]):</u></b>	0.062 – 0.093 [1.57 – 2.36]
<b><u>Contact Mating Area Plating:</u></b>	Gold (30)
<b><u>Solder Tail Plating:</u></b>	Tin-Lead over Nickel
<b><u>Grounding Indents:</u></b>	With
<b><u>Grounding Straps:</u></b>	Without
<b><u>PCB Mount Style:</u></b>	Thru Hole
<b><u>Color Code:</u></b>	None
<b><u>Region:</u></b>	Americas

<b>Comment:</b>	Plugs are preloaded with size 20 DF posted pin contacts
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