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

**AMP** 747302-1  [Active](#)

[Not ELV or RoHS Compliant](#)

**(Corporate P/N: 747302-1)**

[Search for Compliant \(RoHS/ELV\)](#)

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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>▸ <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="#">Number of Positions:</a></b>	50
<b><a href="#">Gender:</a></b>	Receptacle
<b><a href="#">PCB Mount Angle:</a></b>	Vertical
<b><a href="#">Product Series:</a></b>	HD 20

### Other Properties:

<b>Sealed:</b>	No
<b>Application:</b>	Standard
<b>Profile:</b>	High
<b>Post Size (mm [in]):</b>	0.64 [.025]
<b>Contact Shape:</b>	Square
<b>Mounting Hole Diameter (mm [in]):</b>	3.05 [.120]
<b>Contact Material:</b>	Phosphor Bronze
<b>Insert Flammability Rating:</b>	UL 94V-0
<b>Insert Material:</b>	Thermoplastic
<b>Shell Material:</b>	Steel

<b><u>Mating Connector Lock:</u></b>	With
<b><u>Mating Connector Lock Type:</u></b>	Clinch Nut, 4-40 UNC
<b><u>PCB Retention Feature:</u></b>	Without
<b><u>PCB Retention Method Feature:</u></b>	Mounting Holes
<b><u>Shell Type:</u></b>	Full Metal
<b><u>Shell Size:</u></b>	5
<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>	Without
<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>Shell Plating:</b>	Tin
<b>Clinch Nuts Material:</b>	Steel
<b>Clinch Nuts Plating:</b>	Zinc
<b>Comment:</b>	All receptacles are preloaded with size 20 DF posted socket contacts

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