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Thursday, 17 November, 2005

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

**AMP** 747840-4 [Active](#)

[Not ELV or RoHS Compliant](#)

**(Corporate P/N: 747840-4)**

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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> | Wave solder capable to 240°C, Wave solder capable to 265°C |
| <b><a href="#">Number of Positions:</a></b>        | 9  |
| <b><a href="#">Gender:</a></b>                     | Plug   |
| <b><a href="#">PCB Mount Angle:</a></b>            | Right Angle  |
| <b><a href="#">Product Series:</a></b>             | HD 20  |
| <b><a href="#">Mating Connector Lock:</a></b>      | With   |
| <b><a href="#">Mating Connector Lock Type:</a></b> | Threaded Insert, 4-40 UNC                                  |

**Other Properties:**

|  |                      |
|--|----------------------|
| <b>Sealed:</b>                           | No                   |
| <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> | 3.18 [.125]          |
| <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>Boardlock Material:</b>               | Copper Alloy         |
| <b>Boardlock Plating:</b>                | Tin-Lead over Nickel |

|  |                      |
|--|----------------------|
| <b><u>PCB Retention Feature:</u></b>             | With                 |
| <b><u>PCB Retention Method Feature:</u></b>      | Boardlocks           |
| <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>Footprint (mm [in]):</u></b>               | 8.08 [.318]          |
| <b><u>Termination Post Length (mm [in]):</u></b> | 3.18 [0.125]         |
| <b><u>PCB Thickness (in [mm]):</u></b>           | 0.062 [1.57]         |
| <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>                  | With                 |
| <b><u>PCB Mount Style:</u></b>                   | Thru Hole            |
| <b><u>Color Code:</u></b>                        | None                 |
| <b><u>Region:</u></b>                            | Americas             |

|   |   |
|---|---|
| <b><u>Threaded Insert Material:</u></b> | Zinc  |
| <b><u>Threaded Insert Plating:</u></b>  | Clear Chromate  |
| <b><u>Eyelet Material:</u></b>          | Brass   |
| <b><u>Eyelet Plating:</u></b>           | Tin over Copper Flash                                   |
| <b><u>Comment:</u></b>                  | Plugs are preloaded with size 20 DF posted pin contacts |

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