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Wednesday, 16 November, 2005

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

**AMP** 745058-3 [Active](#)

[Not ELV or RoHS Compliant](#)

**(Corporate P/N: 745058-3)**

[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>	Wave solder capable to 240° C, Wave solder capable to 265° C
<b><a href="#">Number of Positions:</a></b>	25
<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>	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>	Phosphor Bronze
<b>Housing Flammability Rating:</b>	UL 94V-0

<b><u>Mating Connector Lock:</u></b>	With
<b><u>Mating Connector Lock Type:</u></b>	Threaded Insert, 4-40 UNC
<b><u>PCB Retention Feature:</u></b>	With
<b><u>PCB Retention Method Feature:</u></b>	Mounting Holes
<b><u>Shell Type:</u></b>	All Plastic
<b><u>Shell Size:</u></b>	3
<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 Flash
<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>Threaded Insert Material:</b>	Brass
<b>Comment:</b>	All receptacles are preloaded with size 20 DF posted socket contacts

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