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Thursday, 17 November, 2005

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Subminiature and Microminiature D Connectors
↳ Standard Board Mount Connectors

AMP 747843-4 Active

[Not ELV or RoHS Compliant](#)

(Corporate P/N: 747843-4)

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Related Part Information

General Information	eCommerce	Related Part Information
<ul style="list-style-type: none"> General Info Sales Info Assembly Subcontractors 	<ul style="list-style-type: none"> Pricing & Availability 	<ul style="list-style-type: none"> Tooling

Photos & Line Drawings - The photographs and/or line drawings are representative images of a product for viewing purposes only.

[Product Photo](#)

Searchable Features:

Brand:	AMP
RoHS/ELV Compliance:	Not ELV/RoHS compliant
Lead Free Solder Processes:	Wave solder capable to 240°C, Wave solder capable to 265°C
Number of Positions:	37
Gender:	Plug
PCB Mount Angle:	Right Angle
Product Series:	HD 20
Mating Connector Lock:	With
Mating Connector Lock Type:	Threaded Insert, 4-40 UNC

Other Properties:

Sealed:	No
Profile:	Standard
Post Size (mm [in]):	0.66 [.026]
Contact Shape:	Round
Mounting Hole Diameter (mm [in]):	3.18 [.125]
Housing Material:	Thermoplastic
Contact Material:	Brass
Shell Material:	Steel
Shell Plating:	Tin
Housing Flammability Rating:	UL 94V-0
Boardlock Material:	Copper Alloy
Boardlock Plating:	Tin-Lead over Nickel

<u>PCB Retention Feature:</u>	With
<u>PCB Retention Method Feature:</u>	Boardlocks
<u>Shell Type:</u>	Front Metal Shell
<u>Shell Size:</u>	4
<u>Panel Attachment:</u>	No
<u>Grounding Clips:</u>	Without
<u>Footprint (mm [in]):</u>	8.08 [.318]
<u>Termination Post Length (mm [in]):</u>	3.18 [0.125]
<u>PCB Thickness (in [mm]):</u>	0.062 [1.57]
<u>Contact Mating Area Plating:</u>	Gold (30)
<u>Solder Tail Plating:</u>	Tin-Lead over Nickel
<u>Grounding Indents:</u>	With
<u>Grounding Straps:</u>	With
<u>PCB Mount Style:</u>	Thru Hole
<u>Color Code:</u>	None
<u>Region:</u>	Americas

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

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