

CATALOG

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Subminiature and Microminiature D Connectors ↳ Standard Board Mount Connectors

AMP 745187-1  [Active](#)

[Not ELV or RoHS Compliant](#)

(Corporate P/N: 745187-1)

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

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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:	Not suitable for lead free processing
Number of Positions:	25
Gender:	Receptacle
PCB Mount Angle:	Vertical
Product Series:	HD 20

Other Properties:

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

<u>Mating Connector Lock:</u>	Without
<u>PCB Retention Feature:</u>	Without
<u>Shell Type:</u>	Full Metal
<u>Shell Size:</u>	3
<u>Panel Attachment:</u>	No
<u>Grounding Clips:</u>	Without
<u>Termination Post Length (mm [in]):</u>	3.18 [0.125]
<u>PCB Thickness (in [mm]):</u>	0.062 – 0.093 [1.57 – 2.36]
<u>Contact Mating Area Plating:</u>	Gold (30)
<u>Solder Tail Plating:</u>	Tin-Lead over Nickel
<u>Grounding Indents:</u>	Without
<u>Grounding Straps:</u>	Without
<u>PCB Mount Style:</u>	Thru Hole
<u>Color Code:</u>	None
<u>Region:</u>	Americas

Shell Plating:	Tin
Comment:	All receptacles are preloaded with size 20 DF posted socket contacts

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