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Subminiature and Microminiature D Connectors
→ Standard Board Mount Connectors
AMP **205866-1**  [Active](#)
[Not ELV or RoHS Compliant](#)
(Corporate P/N: 205866-1)
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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

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:	9
Gender:	Receptacle
PCB Mount Angle:	Right Angle
Product Series:	HDP-20
Mating Connector Lock:	Without

Other Properties:

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

<u>PCB Retention Feature:</u>	With
<u>PCB Retention Method Feature:</u>	Mounting Holes
<u>Shell Type:</u>	Front Metal Shell
<u>Shell Size:</u>	1
<u>Panel Attachment:</u>	No
<u>Grounding Clips:</u>	Without
<u>Footprint (mm [in]):</u>	13.84 [.545]
<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 Flash
<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

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