

CATALOG

→ Cross Reference


- [Competitive Products](#)
- [Military Spec P/Ns](#)
- [Tyco Brand P/Ns](#)

- [Part Number Search](#)
- [Document Search](#)
- [Product Type Search](#)
- [Product Family Search](#)
- [Alphabetical Search](#)
- [RoHS/ELV Compliance & Alternates](#)
- [CAD Model Search](#)
- [Brand Search](#)
- [Tool Search](#)
- [Multiple Part Comparison](#)
- [Lead Free Solutions](#)
- [Help/Glossary](#)

[Home](#)

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Subminiature and Microminiature D Connectors ↳ Standard Board Mount Connectors

AMP 745059-4  [Active](#)

[Not ELV or RoHS Compliant](#)

(Corporate P/N: 745059-4)

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

[Alternates](#)

[Search for Parts](#)

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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:	Receptacle
PCB Mount Angle:	Vertical
Product Series:	HD 20

Other Properties:

Sealed:	No
Application:	Standard
Profile:	Standard
Post Size (mm [in]):	0.66 [.026]
Contact Shape:	Round
Mounting Hole Diameter (mm [in]):	3.05 [.120]
Housing Material:	Thermoplastic
Contact Material:	Phosphor Bronze
Housing Flammability Rating:	UL 94V-0

<u>Mating Connector Lock:</u>	With
<u>Mating Connector Lock Type:</u>	Threaded Insert, 4-40 UNC
<u>PCB Retention Feature:</u>	With
<u>PCB Retention Method Feature:</u>	Mounting Holes
<u>Shell Type:</u>	All Plastic
<u>Shell Size:</u>	4
<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

Threaded Insert Material:	Brass
Comment:	All receptacles are preloaded with size 20 DF posted socket contacts

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