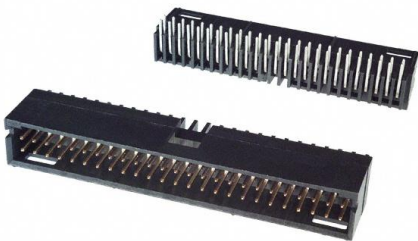


# 7-103166-3 Datasheet

[www.digi-electronics.com](http://www.digi-electronics.com)



<https://www.DiGi-Electronics.com>

DiGi Electronics Part Number	7-103166-3-DG
Manufacturer	<a href="#">TE Connectivity AMP Connectors</a>
Manufacturer Product Number	7-103166-3
Description	CONN HEADER R/A 50POS 2.54MM
Detailed Description	Connector Header Through Hole, Right Angle 50 position 0.100" (2.54mm)

This model 7-103166-3 is available at DiGi Electronics.

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We welcome your inquiries regarding pricing, lead time, or other product-related questions.

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## Purchase and inquiry

**Manufacturer Product Number:**

7-103166-3

**Series:**

AMPMODU Mod II

**Connector Type:**

Header

**Pitch - Mating:**

0.100" (2.54mm)

**Number of Rows:**

2

**Number of Positions Loaded:**

All

**Shrouding:**

Shrouded - 4 Wall

**Termination:**

Solder

**Contact Length - Mating:**

0.318" (8.08mm)

**Overall Contact Length:**

-

**Contact Shape:**

Square

**Contact Finish Thickness - Mating:**

30.0µin (0.76µm)

**Contact Material:**

Phosphor Bronze

**Features:**

-

**Ingress Protection:**

-

**Insulation Color:**

Black

**Voltage Rating:**

-

**Contact Finish Thickness - Post:**

100.0µin (2.54µm)

**Base Product Number:**

103166

**Manufacturer:**

TE Connectivity AMP Connectors

**Product Status:**

Active

**Contact Type:**

Male Pin

**Number of Positions:**

50

**Row Spacing - Mating:**

0.100" (2.54mm)

**Style:**

Board to Board or Cable

**Mounting Type:**

Through Hole, Right Angle

**Fastening Type:**

Detent Lock

**Contact Length - Post:**

0.135" (3.43mm)

**Insulation Height:**

0.400" (10.16mm)

**Contact Finish - Mating:**

Gold

**Contact Finish - Post:**

Tin

**Insulation Material:**

Thermoplastic

**Operating Temperature:**

-65°C ~ 105°C

**Material Flammability Rating:**

UL94 V-0

**Current Rating (Amps):**

3A

**Mated Stacking Heights:**

-

**Applications:**

-

## Environmental & Export classification

**RoHS Status:**

**Moisture Sensitivity Level (MSL):**

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