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54242-107-XX-0900

54242-107-XX-0900 - BergStik® : Unshrouded Stacking Headers - Surface Mount - Double row - 04 to 50 Positions - 2.54 mm (0.1 in.)

ACTIVE

Electronics division

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Customer Drawing

Specifications

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General

Dimensional

Electrical

Mounting

Physical

Approvals / Certifications

Other Features

General

Number of contacts (per row)

xx = 04 to 50

Number of rows

2

Packaging

Bag

Mating half (SMT)

89898-3xx (Dubox low profile vcc)

Mating half (Through hole)

76342-3xx (Dubox low profile vc)

Series Number

54242

Dimensional

Length (Overall pin)

19.18 mm

Length (Tail)

smt

Spacing (Board)

16 mm

Electrical

Current rating

3 amp Continuous

Resistance (Insulation)

5000 M ohms

Voltage rating

1500V AC rms

Mounting

Retention feature (Board)

No

Solder process

Wave
IR Reflow
Vapor - Phase

Mounting style (Stacking header)

Surface Mount

Physical

Color (Housing)

Black

Material (Contact)

Phosphore Bronze

Material (Housing)

High Temperature Thermoplastic

Plating (Contact area)

0.76 µm (30 µin.) Gold

Plating (Tail)

3.81 µm (150 µin.) Tin-Lead

Underplating (Contact)

1.27 µm (50 µin.) Nickel

Temperature (Range)

-65°C to +125°C

Approvals / Certifications

Approvals / Certifications

UL and CSA Approved

Other Features