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Part Number: [76410-3107](#)
Status: **Active**
Overview: Impact™ Backplane Connectors and Cable Assemblies
Description: Impact™ 100 Ohm 3 Pair Right Angle Male Header, 1.90 by 1.35mm Pitch, Left Guide, Open Endwall, 10 Columns, 90 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.39mm, Lead-Free

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-76060-999 \(PDF\)](#)
[Application Specification AS-76060-990 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

UL E29179

General

Product Family Backplane Connectors
Series [76410](#)
Application Coplanar
Application Tooling Documents TM-622018799
Component Type PCB Header
Overview [Impact™ Backplane Connectors and Cable Assemblies](#)
Product Name Impact™
Style N/A
UPC 883906460129

Physical

Circuits (Loaded) 90
Circuits (maximum) 90
Color - Resin Black
Durability (mating cycles max) 200
First Mate / Last Break No
Flammability 94V-0
Guide to Mating Part Yes
Keying to Mating Part None
Material - Metal High Performance Alloy (HPA)
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Net Weight 12.525/g
Number of Columns 10
Number of Pairs 3
Number of Rows 9
Orientation Right Angle
PC Tail Length 1.20mm
PCB Locator No
PCB Retention None
PCB Thickness - Recommended 1.00mm
Packaging Type Tray
Pitch - Mating Interface 1.90mm
Pitch - Termination Interface 1.90mm
Plating min - Mating 0.762µm
Polarized to PCB Yes
Stackable Yes
Temperature Range - Operating -55°C to +85°C
Termination Interface: Style Through Hole - Compliant Pin



image - Reference only

Series

EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Low-Halogen

China RoHS



**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of
Compliance, [click here](#)

Please visit the [Contact Us](#) section for any
non-product compliance questions.

Search Parts in this Series

[76410Series](#)

Mates With

[76170](#) Impact™ 100 Ohm 3 Pair Right Angle
Daughtercard

Application Tooling | FAQ

*Tooling specifications and manuals are
found by selecting the products below.
Crimp Height Specifications are then
contained in the Application Tooling
Specification document.*

Global

Description Product #

Impact™ Right Angle Module Removal
Tool (RAM)
Daughter Card [0622018646](#)
Module Installation
Press-In Tool for 3-
Pair by 10-Column
Assemblies

Electrical

Current - Maximum per Contact	0.75A
Data Rate	25.0 Gbps
Impedance	100#
Shield Type	N/A
Shielded	No
Voltage - Maximum	30V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification	AS-76060-990
Product Specification	PS-76060-999
Sales Drawing	SD-76410-002
Symbol/Footprint Data	SYM-76410-3107

This document was generated on 08/12/2013

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