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Part Number: [1703901028](#)
Status: **Active**
Overview: Impact™ Backplane Connector and Cable Assembly System
Description: Impact™ 85 Ohm Plus 4 Pair Mezzanine Receptacle, Stack Height 25.00mm, Unguided, 8 Columns, 96 Circuits, Lead Free

Documents:

[Drawing \(PDF\)](#) [Application Specification AS-76060-990 \(PDF\)](#)
[Product Specification PS-170540-999 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

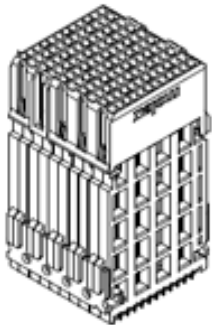
Product Family Backplane Connectors
Series [170390](#)
Application Mezzanine
Component Type PCB Receptacle
Overview [Impact™ Backplane Connector and Cable Assembly System](#)
Product Name Impact™
UPC 887191437255

Physical

Circuits (Loaded) 96
Circuits (maximum) 96
Color - Resin Gray
Durability (mating cycles max) 200
First Mate / Last Break No
Guide to Mating Part No
Keying to Mating Part Yes
Material - Metal High Performance Alloy (HPA)
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Net Weight 8.726/g
Number of Columns 8
Number of Pairs 4
Number of Rows 12
Orientation Vertical
PC Tail Length 1.40mm
PCB Locator No
PCB Retention None
PCB Thickness - Recommended 1.00mm
Packaging Type Tray
Pitch - Mating Interface 1.35mm, 1.90mm
Pitch - Termination Interface 1.35mm, 1.90mm
Plating min - Mating 0.762µm
Polarized to PCB No
Stackable No
Surface Mount Compatible (SMC) No
Temperature Range - Operating -55°C to +85°C
Termination Interface: Style Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact 0.75A
Data Rate 25.0 Gbps
Impedance 85#
Shield Type N/A
Shielded No



Series
image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contains SVHC(2014
December 17): No

Halogen-Free

Status

Low-Halogen

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

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

China ROHS

ELV

China RoHS

Green Image

Not Relevant

Search Parts in this Series

[170390](#) Series

Mates With

[170335](#) Impact™ 85 Ohm Plus Vertical
Header

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

Press-In Tool for
Impact™ Vertical
Female Signal
Module Assembly

Product #

[0622018863](#)

Voltage - Maximum	30V AC (RMS)/DC
Solder Process Data	
Lead-freeProcess Capability	N/A
Material Info	
Reference - Drawing Numbers	
Application Specification	AS-76060-990
Electrical Model Document	EE-170390-0025
Product Specification	PS-170540-999
Sales Drawing	SD-170390-0001

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