

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1705359107](#)
Status: **Active**
Overview: Impact™ Backplane Connector and Cable Assembly System
Description: Impact™ 85 Ohm Plus 6 Pair Vertical Backplane Header, Right Guided, Endwall, 10 Columns, 180 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.39mm, Lead Free

Documents:

[Drawing \(PDF\)](#) [Packaging Specification PK-70873-760 \(PDF\)](#)
[Product Specification PS-170540-999-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Application Specification AS-76060-990-001 \(PDF\)](#)

Agency Certification

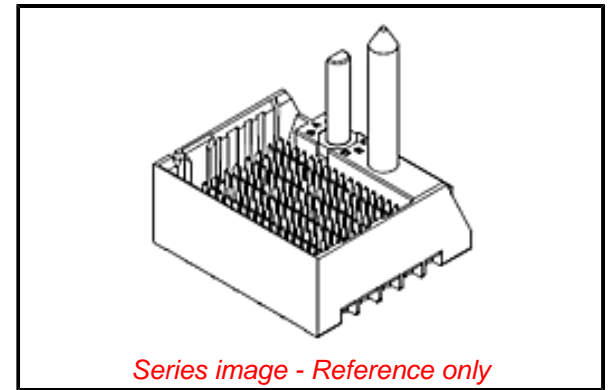
UL E29179

General

Product Family Backplane Connectors
 Series [170535](#)
 Application Conventional
 Application Tooling Documents TM-622018799
 Component Type PCB Header
 Overview [Impact™ Backplane Connector and Cable Assembly System](#)
 Product Name Impact™
 UPC 884982868403

Physical

Circuits (Loaded) 180
 Circuits (maximum) 180
 Color - Resin Gray
 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 8.910/g
 Number of Columns 10
 Number of Pairs 6
 Number of Rows 18
 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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant
REACH SVHC

Not Contained Per -
 ED/21/2016 (20 June
 2016)

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

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[170535](#) Series

Mates With

[170540](#) Impact™ 85 Ohm Plus Right Angle Receptacle

Electrical

Current - Maximum per Contact	0.75A
Data Rate	25.0 Gbps
Impedance	85Ω
Shield Type	N/A
Shielded	No
Voltage - Maximum	30V AC (RMS)/DC

Solder Process Data

Lead-free Process Capability	N/A
------------------------------	-----

Material Info**Reference - Drawing Numbers**

Application Specification	AS-76060-990-001
Packaging Specification	PK-70873-760
Product Specification	PS-170540-999-001
Sales Drawing	SD-170535-0003
Symbol/Footprint Data	SYM-170535-9107

This document was generated on 12/08/2016

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION