

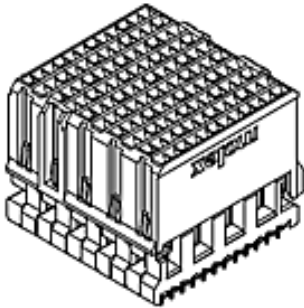
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1703901007](#)
Status: **Active**
Overview: [Impact Backplane Connector and Cable Assembly System](#)
Description: Impact 85 Ohm Plus 4 Pair Mezzanine Receptacle, Stack Height 18.00mm, Unguided, 14 Columns, 168 Circuits, Lead Free

Documents:	
3D Model	Application Specification AS-76060-990-001 (PDF)
Drawing (PDF)	Packaging Specification PK-70873-4001-001 (PDF)
3D Model (PDF)	Symbol Footprint Data SYM-170390-1007-001 (PDF)
Product Specification PS-170540-999-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification	
UL	E29179
General	
Product Family	Backplane Connectors
Series	170390
Application	Mezzanine
Application Tooling Documents	TM-622018799-001
Component Type	PCB Receptacle
Electrical Model	Yes
Overview	Impact Backplane Connector and Cable Assembly System
Product Name	Impact
UPC	887191144382

Physical	
Circuits (Loaded)	168
Circuits (maximum)	168
Color - Resin	Gray
Durability (mating cycles max)	200
First Mate / Last Break	No
Flammability	94V-0
Guide to Mating Part	No
Keying to Mating Part	None
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Matte Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	13.026/g
Number of Columns	14
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° to +85°C



Series image - Reference only

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2020)9139-DC (19 Jan 2021)	
Halogen-Free Status	
Low-Halogen	
For more information, please visit Contact US	
China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
[170390](#) Series

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

Termination Interface: Style	Through Hole - Compliant Pin
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-freeProcess Capability	N/A
Material Info	
Reference - Drawing Numbers	
Application Specification	AS-76060-990-001
Electrical Model Document	EE-170390-0318-001
Packaging Specification	PK-70873-4001-001
Product Specification	PS-170540-999-001
Sales Drawing	SD-170390-0001-001
Symbol/Footprint Data	SYM-170390-1007-001

This document was generated on 09/21/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[170390-1007](#)