

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [78698-1044](#)

Status: **Active**

Overview: Impact™ Backplane Connectors and Cable Assemblies

Description: Impact™ 3 Pair, Right Angle Power Header, Board lock for 2.75 to 3.75mm PCB thickness, 2.00mm Pitch, Blade A1 & A2 Length 6.90mm , Blade B1 & B2 Length 5.70, Press-Fit, LCP, Glass Filled UL94-V0, Black, Tray Packaging, Lead-Free

Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-78213-001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

UL E29179

General

Product Family	Backplane Connectors
Series	78698
Application	Conventional, Coplanar
Application Tooling Documents	TM-622018799
Component Type	Power Header
Overview	Impact™ Backplane Connectors and Cable Assemblies
Product Name	Impact™
Style	N/A
UPC	884982669161

Physical

Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	Yes
Flammability	94V-0
Guide to Mating Part	No
Keying to Mating Part	None
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	5.428/g
Number of Columns	N/A
Number of Pairs	3
Number of Rows	2
Orientation	Right Angle
PC Tail Length	2.50mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	2.75mm, 3.75mm
Packaging Type	Tray
Pitch - Mating Interface	5.20mm
Pitch - Termination Interface	2.00mm, 3.20mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Polarized to PCB	No
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55°C to +85°C

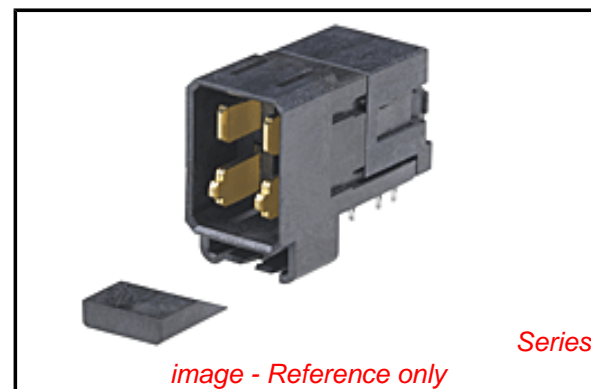


image - Reference only

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

[78698Series](#)

Mates With

[78212 Impact™ Vertical Receptacle](#), [78348 Right Angle Receptacle](#)

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 #
Right Angle Power Module Installation, Press-In Tool	0622018649

Termination Interface: Style

Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact

15A

Data Rate

N/A

Shield Type

N/A

Shielded

No

Voltage - Maximum

250V

Material Info

Reference - Drawing Numbers

Product Specification

PS-78213-001

Sales Drawing

SD-78698-001

Symbol/Footprint Data

SYM-78698-1044

This document was generated on 07/03/2013

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION