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Part Number: [0782481001](#)
Status: **Active**
Overview: [Impact Backplane Connector and Cable Assembly System](#)
Description: Impact 4 Pair, Right-Angle Power Receptacle, Press-Fit, LCP, Glass Filled UL94-V0, Black, Tray Packaging, Lead-Free

Documents:

3D Model	Application Specification AS-76060-9999-001 (PDF)
Drawing (PDF)	Packaging Specification PK-78248-001-001 (PDF)
Product Specification PS-78213-001-001 (PDF)	Symbol Footprint Data SYM-78248-1001 (PDF)
Application Specification AS-76060-9997-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

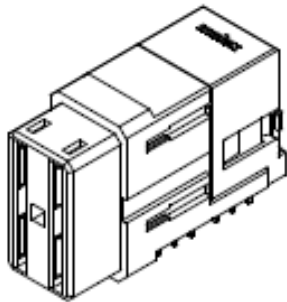
CSA	LR19980
UL	E29179

General

Product Family	Backplane Connectors
Series	78248
Application	Coplanar
Application Tooling Documents	TM-622018799
Component Type	Power Receptacle
Overview	Impact Backplane Connector and Cable Assembly System
Product Name	Impact
UPC	884982286863

Physical

Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black
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	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	8.643/g
Number of Columns	N/A
Number of Pairs	4
Number of Rows	2
Orientation	Right Angle
PC Tail Length	2.50mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[78248](#) Series

Mates With

[78349](#) Impact Right Angle 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

Product #

Right-Angle Power	622018642
Module Installation	
Press-In Tool	

Temperature Range - Operating	-55° to +85°C
Termination Interface: Style	Through Hole - Compliant Pin
Electrical	
Current - Maximum per Contact	20.0A
Data Rate	N/A
Shield Type	N/A
Shielded	No
Voltage - Maximum	250V
Solder Process Data	
Lead-freeProcess Capability	N/A
Material Info	
Reference - Drawing Numbers	
Application Specification	AS-76060-9997-001, AS-76060-9999-001
Packaging Specification	PK-78248-001-001
Product Specification	PS-78213-001-001
Sales Drawing	SD-78248-001-001
Symbol/Footprint Data	SYM-78248-1001

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