

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0782471001

Status:

Active

Overview:

Impact Backplane Connector and Cable Assembly System

Description:

Impact 3 Pair, Right-Angle Power Receptacle, Press-Fit, LCP, Glass Filled UL94-V0, Black, Tray Packaging, Lead-Free

Documents:	
Drawing (PDF)	Application Specification AS-76060-9997-001 (PDF)
3D Model	Packaging Specification PK-78247-001-001 (PDF)
3D Model (PDF)	Symbol Footprint Data SYM-78247-1001-001 (PDF)
Product Specification PS-78213-001-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification	
UL	E29179

General	
Product Family	Backplane Connectors
Series	78247
Application	Coplanar
Application Tooling Documents	TM-622018799-001
Component Type	Power Receptacle
Data Rate	N/A
Overview	Impact Backplane Connector and Cable Assembly System
Product Name	Impact
UPC	884982004399

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	5.875/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	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	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2022)4187-DC (10 June 2022)	
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

78247 Series

Mates With

78347 Impact Right Angle Header, 78399 Impact Vertical Header

Temperature Range - Operating	-55° to +85°C
Termination Interface: Style	Through Hole - Compliant Pin
Electrical	
Current - Maximum per Contact	15.0A
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
Packaging Specification	PK-78247-001-001
Product Specification	PS-78213-001-001
Sales Drawing	SD-78247-001-001
Symbol/Footprint Data	SYM-78247-1001-001

This document was generated on 07/01/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION