This document was generated on 02/17/2017

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0783512042

Status: Active

Overview: Impact™ Backplane Connector and Cable Assembly System

Description: Impact™ 5 Pair Right Angle Power Header, 2 Modules with Left Hold-Down, Module 1: Blade P1 & P2, Length 5.70 & 5.70mm; Module 2: Blade P1 & P2 Length 5.70mm & 6.90mm Press-Fit, LCP, Glass Filled UL94-V0, Black, Lead-Free



Series image - Reference only

Documents:

Drawing (PDF)
Product Specification PS-78213-001-001 (PDF)
Packaging Specification PK-78351-002 (PDF)
RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	Backplane Connectors
Series	78351
Application	Conventional, Coplanar
Application Tooling Documents	TM-622018799
Component Type	Power Header
Electrical Model	No
Overview	Impact™ Backplane Connector and Cable Assembly System
Product Name	Impact™
Style	N/A
UPC	887191673462

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	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	27.811/g
Number of Columns	N/A
Number of Pairs	5
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

EU ELV
Not Relevant

EU RoHS **China RoHS**
Compliant

REACH SVHC
Not Contained Per -ED/01/2017 (12 January 2017)

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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
78351 Series

Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55°C to +85°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact	25.0A
Data Rate	25.0 Gbps
Impedance	85Ω
Shield Type	N/A
Shielded	No
Voltage - Maximum	250V DC

Solder Process Data

Lead-freeProcess Capability	N/A

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-78351-002
Product Specification	PS-78213-001-001
Sales Drawing	SD-78351-001

This document was generated on 02/17/2017

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION