Part Number : 784461022
Product Description : Impact 5 Pair, Vertical Power Header, 40.00mm Stack Height, Press-Fit, LCP, Glass Filled, UL94-V0, Black, Tray Packaging, Lead-Free
Series Number : 78446
Status : Active
Product Category : Backplane Connectors



Documents and Resources

Drawings

784461022_sd.pdf

PK-78446-001-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

SYM-78446-1022-001.zip

Specifications

AS-76060-9997-001.pdf

PS-78213-001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

Downloaded from Arrow.com.

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	Backplane Connectors
Series	78446
Description	Impact 5 Pair, Vertical Power Header, 40.00mm Stack Height, Press-Fit, LCP, Glass Filled, UL94-V0, Black, Tray Packaging, Lead-Free
Application	Mezzanine
Component Type	Power Header
Product Name	Impact
UPC	883906511494

Agency

UL	E29179

Electrical

Current - Maximum per Contact	25.0A
Data Rate	N/A
Shielded	No
Shield Type	N/A

Downloaded from Arrow.com.

Voltage - Maximum	250V

Physical

Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
Guide to Mating Part	No
Keying to Mating Part	No
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	15.340/g
Number of Columns	N/A
Number of Pairs	5
Number of Rows	2
Orientation	Vertical
Packaging Type	Tray
PCB Locator	Yes
PCB Retention	No
PCB Thickness - Recommended	1.60mm
PC Tail Length	2.50mm
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
Temperature Range - Operating	-55° to +85°C
Termination Interface Style	Through Hole - Compliant Pin

Solder Process Data

Lead-Free Process Capability	N/A

Downloaded from Arrow.com.

Mates With / Use With

Mates with Part(s)

Description	Part Number
Impact 5 Pair Vertical Power Receptacles	78216

Application Tooling

This document was generated on May 23, 2026

Downloaded from Arrow.com.