Part Number : 1001446800

Product Description : Impel 92 Ohm 6-Pair Backplane Header-to-6-Pair Backplane Header Cable Assembly, 0.5m Length, 8 Columns, 96 Circuits, Pin Length 4.90mm

Series Number : 100144

Status : Active

Product Category : High-Speed I/O Cable Assemblies

Documents & Resources

Drawings

Drawing_1001446800_sd.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

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

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	High-Speed I/O Cable Assemblies
Series	100144
Description	Impel 92 Ohm 6-Pair Backplane Header-to-6-Pair Backplane Header Cable Assembly, 0.5m Length, 8 Columns, 96 Circuits, Pin Length 4.90mm
Assembly Configuration	Dual Ended Connectors
Comments	Data Rate 40.0 Gbps
Connector to Connector	Impel 6 by 8 Both Ends
Product Name	Impel
Type	Pluggable
UPC	191128217262

Electrical

Current - Maximum per Contact	0.75A
Impedance	92Ω
Voltage - Maximum	29.9V AC (RMS)/DC

Physical

Cable Bundling	None
Cable Length	0.50m
Circuits (Loaded)	96
Circuits (maximum)	96
Color - Resin	Black
Gender	Male-Male
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	1.000/g
Packaging Type	Bag
Plating min - Mating	0.762µm
Release Style	N/A

Single Ended	No
Wire/Cable Type	Twinax
Wire Size (AWG)	30

Mates With / Use With

Mates with Part(s)

Description	Part Number
Impel 90 Ohm, 6 Pair Right-Angle Daughtercard, 1.90mm Pitch, Unguided, 8 Columns, 96 Circuits, Plated Through Hole Dimension 0.36mm	1714001038