

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

1001446800

Status:

Active

Overview:

Impel and Impel Plus Backplane Solutions

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 image - Reference only

Documents:

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	Cable Assemblies
Series	100144
Assembly Configuration	Dual Ended Connectors
Comments	Data Rate 40.0 Gbps
Connector to Connector	Impel 6 by 8 Both Ends
Overview	Impel and Impel Plus Backplane Solutions
Product Name	Impel
UPC	191128217262
Physical	
Cable Length	0.50m
Circuits (Loaded)	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
Pitch - Mating Interface	1.90mm
Plating min - Mating	0.762µm
Single Ended	No
Wire Size AWG	30
Wire/Cable Type	Twinax
Electrical	
Current - Maximum per Contact	0.75A
Impedance	92Ω
Voltage - Maximum	150V AC (RMS)
Material Info	
Reference - Drawing Numbers	
Sales Drawing	1001446800-000

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/71/2019 (16 July
2019)

Halogen-Free

Status

Not 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

100144 Series

Mates With

Impel 6-Pair Right-Angle Daughtercard
1714001038

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION