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Part Number:

0758305115

Status:

Active

Overview:

GbX Backplane Connector System

Description:

GbX 4 Pair Electrically Enhanced Backplane Connector System, 10 Columns, Right Guide Header, Polarization Key A, 80 Circuits, Gold (Au) 0.76µm, Pin Length 5.55mm

Documents:

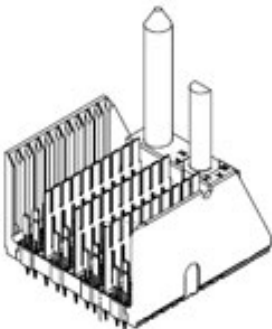
Drawing (PDF)

Product Specification PS-75221-999-001 (PDF)

Packaging Specification PK-70873-563 (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	Backplane Connectors
Series	75830
Application	Backplane
Application Tooling Documents	TM-622022099
Component Type	PCB Header
Overview	GbX Backplane Connector System
Product Name	GbX
UPC	883906055202
Physical	
Circuits (Loaded)	80
Circuits (maximum)	80
Color - Resin	Black, Gray
Durability (mating cycles max)	200
First Mate / Last Break	No
Guide to Mating Part	Yes
Keying to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	9.660/g
Number of Columns	10
Number of Pairs	4
Number of Rows	13
Orientation	Vertical
PC Tail Length	2.30mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	1.85mm
Pitch - Termination Interface	1.85mm
Polarized to PCB	No
Stackable	Yes
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55° to +80°C
Termination Interface: Style	Through Hole - Compliant Pin
Electrical	
Current - Maximum per Contact	1.0A
Data Rate	8.0 Gbps
Shield Type	Ground Plane Shield
Shielded	Yes
Voltage - Maximum	120V AC (RMS)/DC



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

Green Image

REACH SVHC

Not Contained Per - ED/108/2014 (17 Dec 2014)

Halogen-Free

Low-Halogen

Status

For more information, please visit [Contact US](#)

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

75830 Series

Solder Process Data

Lead-freeProcess CapabilityN/A

Material Info

Reference - Drawing Numbers

Packaging SpecificationPK-70873-563
Product SpecificationPS-75221-999-001
Sales DrawingSD-75830-510

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