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Part Number: 75361-0051

Status:	Contact Molex	
Series:	75361	
Category:	Backplane Connectors	
Overview:	GbX® Backplane Connector System	

Image not available

Series image - Reference only

Mates With Part(s):
75237

Use With:
Backplane Modules

Part Detail

General

Status	Contact Molex
Category	Backplane Connectors
Series	75361
Application	Daughtercard
Application Tooling Documents	TM-622022099
Comments	Wafers aggregated into connectors receive a custom order number 75360-XXXX for 5-Pair daughter card assemblies.
Component Type	PCB Receptacle
Overview	GbX® Backplane Connector System
Product Name	GbX®
Style	N/A

Physical

Circuits (Loaded)	125
Circuits (maximum)	125
Color - Resin	Gray (Dark)
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-Lead
Material - Resin	High Temperature Thermoplastic
Number of Columns	10
Number of Pairs	5
Number of Rows	5
Orientation	Right Angle
PC Tail Length	2.00mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Tube
Pitch - Mating Interface	1.85mm
Pitch - Termination Interface	1.85mm
Plating min - Mating	1.270µm
Plating min - Termination	0.762µm
Polarized to PCB	No
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	105°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical

(Please review the Product Specification for specific details.)

Current - Maximum per Contact	1A
Data Rate	8.0 Gbps
Real Signals (per 25mm)	67
Shield Type	Ground Plane Shield
Shielded	Yes
Voltage - Maximum	120V AC (RMS)/DC

Agency Certification

UL	E29179

Material Info

UPC	822350349116

Reference - Drawing Numbers

Sales Drawing	SD-75361-001

Application Tooling

Tooling specifications and manuals are found by selecting the products below.

Crimp Height Specifications are then contained in the Application Tooling Specification document.

Previously Available Application Tooling

Check our list of old tooling that used to be available for this part