This document was generated on 03/06/2017

# PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

**Part Number:** 0761505010
**Status:** Active
**Overview:** Impact™ Backplane Connector and Cable Assembly System
**Description:** Impact™ 100 Ohm 6 Pair Right Angle Daughtercard Receptacle, Right Guided, 10 Columns, 180 Circuits, Plated Through Hole Dimension 0.46mm, Lead-Free



*Series image - Reference only*

**Documents:**

- 3D Model
- Drawing (PDF)
- Product Specification PS-76060-999-001 (PDF)
- Application Specification AS-76060-990-001 (PDF)
- Application Specification AS-76060-9999-001 (PDF)
- Packaging Specification PK-70873-589 (PDF)
- RoHS Certificate of Compliance (PDF)

| | |
|---|---|
| **Agency Certification** | |
| UL | E29179 |
| **General** | |
| Product Family | Backplane Connectors |
| Series | 76150 |
| Application | Conventional, Coplanar, Daughtercard |
| Application Tooling Documents | TM-622018799 |
| Component Type | PCB Receptacle |
| Electrical Model | Yes |
| Overview | Impact™ Backplane Connector and Cable Assembly System |
| Product Name | Impact™ |
| UPC | 883906217044 |
| **Physical** | |
| Circuits (Loaded) | 180 |
| Circuits (maximum) | 180 |
| Color - Resin | Black |
| Durability (mating cycles max) | 200 |
| First Mate / Last Break | No |
| Flammability | 94V-0 |
| Guide to Mating Part | Yes |
| Keying to Mating Part | None |
| Material - Metal | High Performance Alloy (HPA) |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 27.682/g |
| Number of Columns | 10 |
| Number of Pairs | 6 |
| Number of Rows | 18 |
| Orientation | Right Angle |
| PC Tail Length | 1.20mm |
| PCB Locator | No |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 1.00mm |
| Packaging Type | Tray |
| Pitch - Mating Interface | 1.90mm |
| Pitch - Termination Interface | 1.90mm |
| Plating min - Mating | 0.762µm |
| Polarized to PCB | Yes |
| Stackable | No |
| Temperature Range - Operating | -55°C to +85°C |
| Termination Interface: Style | Through Hole - Compliant Pin |

**EU ELV**
**Not Relevant**

**EU RoHS** | **China RoHS**
**Compliant**

**REACH SVHC**
Not Contained Per -ED/01/2017 (12 January 2017)

**Halogen-Free Status**
**Low-Halogen**

**Need more information on product environmental compliance?**

Email productcompliance@molex.com
Please visit the Contact Us section for any non-product compliance questions.

| | |
|---|---|
| China ROHS | Green Image |
| ELV | Not Relevant |
| RoHS Phthalates | Not Contained |

**Search Parts in this Series**
76150 Series

**Mates With**
76145 Impact™ 100 Ohm Vertical Backplane Header

| | |
|---|---|
| **Electrical** | |
| Current - Maximum per Contact | 0.75A |
| Data Rate | 25.0 Gbps |
| Impedance | 100Ω |
| Shield Type | N/A |
| Shielded | No |
| Voltage - Maximum | 30V AC (RMS)/DC |
| **Solder Process Data** | |
| Lead-freeProcess Capability | N/A |
| **Material Info** | |
| **Reference - Drawing Numbers** | |
| Application Specification | AS-76060-990-001, AS-76060-9999-001 |
| Electrical Model Document | EE-76150-001, EE-76560-0001 |
| Packaging Specification | PK-70873-589 |
| Product Specification | PS-76060-999-001 |
| S-Parameter Model | SP-76150-001, SP-76560-0001 |
| Sales Drawing | SD-76150-004 |
| Symbol/Footprint Data | SYM-76150-5010 |

This document was generated on 03/06/2017
**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**