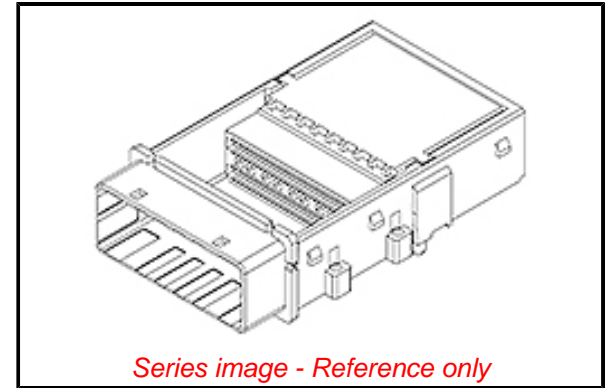


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [1733590002](#)  
**Status:** **Active**  
**Overview:** zCD Interconnect System  
**Description:** zCD Short Body Connector Assembly, Style 1, 0.75mm Pitch, Gold (Au) OverNickel Plated, 120 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-173359-0001-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Application Specification AS-173359-0002-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Packaging Specification PK-170834-0001-001 (PDF)</a>
<a href="#">Product Specification PS-173359-0001-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>



**Agency Certification**

UL E29179

**General**

Product Family	I/O Connectors
Series	<a href="#">173359</a>
Application	Wire-to-Board
Component Type	Receptacle
Overview	<a href="#">zCD Interconnect System</a>
Product Name	zCD
Type	N/A
UPC	889056590761

**Physical**

Circuits (Loaded)	120
Color - Resin	Black
Durability (mating cycles max)	50
Flammability	94V-0
Gender	Female
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	33.289/g
Number of Rows	4
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	1.57mm
Packaging Type	Tray
Panel Mount	Yes
Pitch - Mating Interface	0.75mm
Plating min - Mating	0.762µm
Plating min - Termination	0.762µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	1
Temperature Range - Operating	-40° to +85°C
Termination Interface: Style	Through Hole - Compliant Pin

**Electrical**

Current - Maximum per Contact	1.0A
Grounding to Panel	Bezel

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Contained Per -  
D(2020)4578-DC (25  
June 2020)  
dibutyltin dichloride  
1,3-propanesultone  
ammoniumpentadecafluorooctanoate  
2-ethylhexyl 10-  
ethyl-4,4-dioctyl-7-  
oxo-8-oxa-3,  
2-(2H-benzotriazol-2-  
yl)-4-(tert-butyl)-6-  
(sec-b  
1,2-  
Benzenedicarboxylic  
acid, dihexyl ester,  
bra  
diisohexyl phthalate  
dibutyltin dichloride  
di-n-pentyl phthalate  
(DPP)  
perfluorooctanoic acid  
disodium 3,3'-[[1,1'-  
biphenyl]-4,4'-  
diylbis(azo)  
diisopentylphthalate  
1,2-diethoxyethane  
dibutyltin dichloride  
diisohexyl phthalate  
Pyrene  
Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]o  
Perfluorononan-1-  
oic acid  
(2,2,3,3,4,4,5,5,6,6,7  
Methylhexahydrophthalic  
anhydride  
reaction mass of  
2-ethylhexyl 10-  
ethyl-4,4-dioct

**China RoHS**

Shielded  
Voltage - Maximum

No  
30V AC (RMS)/DC

### Material Info

### Reference - Drawing Numbers

Application Specification  
Packaging Specification  
Product Specification  
Sales Drawing

AS-173359-0001-001, AS-173359-0002-001  
PK-170834-0001-001  
PS-173359-0001-001  
SD-173359-0001-000

Perfluorohexane-1-  
sulphonic acid and its  
salts  
Pyrene  
diisohexyl phthalate  
1,2-  
benzenedicarboxylic  
acid, dipentylester,  
bra  
n-pentyl-  
isopentylphthalate  
Boric acid  
Nonadecafluorodecanoic  
acid (PFDA) and its  
sodiu  
Tris(4-nonylphenyl,  
branched and linear)  
phosphi  
ethylene thiourea  
1,2-bis(2-  
methoxyethoxy)ethane  
bis(pentabromophenyl)  
ether  
cadmium oxide (non-  
pyrophoric)  
cadmium sulphide  
orange lead  
cadmium  
lead dinitrate  
1,2-bis(2-  
methoxyethoxy)ethane  
Lead sulfochromate  
yellow  
strontium chromate  
bis(2-methoxyethyl)  
ether  
pentazinc chromate  
octahydroxide  
1,2-dimethoxyethane  
1,2-bis(2-  
methoxyethoxy)ethane  
lead dinitrate  
Sulfurous acid, lead  
salt, dibasic  
[phthalato(2-)]dioxotrilead  
benzo[a]pyrene  
4-aminoazobenzene  
dihexyl phthalate  
(DnHP)  
ethylene thiourea  
Sulfurous acid, lead  
salt, dibasic  
lead dinitrate  
lead oxide sulfate  
pentalead tetraoxide  
sulphate  
dioxobis(stearato)trilead  
Lead titanium  
zirconium oxide  
lead cyanamidate

### **Halogen-Free**

### **Status**

**Low-Halogen**

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

China ROHS	Green Image
ELV	Compliant
RoHS Phthalates	Not Contained

**Search Parts in this Series**[173359 Series](#)**Mates With**zCD Cable Assembly [201069](#)**Application Tooling | [FAQ](#)**

*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

Description	Product #
Press-In Tool for zHD Connector Assembly	<a href="#">622030700</a>
zHD Extractor Tool	<a href="#">622030750</a>

This document was generated on 10/27/2020

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