Part Number : 1733590001

Product Description : zCD (CDFP) Short Body Connector Assembly, Style 1, 0.75mm Pitch, with EMI Fingers and EMI Gasket, Gold (Au) Over Nickel Plated, 120 Circuits

Series Number : 173359

Status : Active

Product Category : High-Speed I/O Connectors

Documents & Resources

Drawings

Drawing_1733590001_sd.pdf

3D Models and Design Files

3D Model_1733590001_stp.zip

Specifications

Application Specification_AS-173359-0001-001.pdf
Application Specification_AS-173359-0002-001.pdf
Packaging Specification_PK-170834-0001-001.pdf
Product Specification_PS-173359-0001-001.pdf

Tooling Specifications

Application Tooling Specification_ATS-622030700-001.pdf
Application Tooling Specification_ATS-622030750-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC

- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	High-Speed I/O Connectors
Series	173359
Description	zCD (CDFP) Short Body Connector Assembly, Style 1, 0.75mm Pitch, with EMI Fingers and EMI Gasket, Gold (Au) Over Nickel Plated, 120 Circuits
Application	Wire-to-Board
Component Type	Receptacle
Product Family	zCD Interconnect System
Product Name	CDFP,zCD
Type	Pluggable
UPC	889056590587

Agency

UL	E29179

Electrical

Current - Maximum per Contact	1.0A
Data Rate	28.0 Gbps
Grounding to Panel	Bezel
Shield Type	EMI Fingers, EMI Gasket
Shielded	Yes
Voltage - Maximum	30V AC (RMS)/DC

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	34.205/g
Number of Rows	4
Orientation	Right Angle
Packaging Type	Tray
Panel Mount	Yes
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	1.57mm
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

Solder Process Data

Lead-Free Process Capability	N/A

Mates With / Use With

Mates with Part(s)

Description	Part Number
zCD-to-zCD (CDFP-to-CDFP) Cable Assemblies	201069

This document was generated on Apr 11, 2024