Part Number : 1051561006
Product Description : HDMI Connector, Right-Angle Receptacle, 19 Circuits, 0.76µm Gold (Au) Plating
Series Number : 105156
Status : Not Recommended For New Design
Product Category : I/O Connectors



Documents and Resources

Drawings

1051561006_sd.pdf

PK-105156-001-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

EE-105156-001-001.pdf

Specifications

PS-105156-001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC

- Low-Halogen

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

Substances of Interest
- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Not Recommended For New Design
Category	I/O Connectors
Series	105156
Description	HDMI Connector, Right-Angle Receptacle, 19 Circuits, 0.76µm Gold (Au) Plating
Application	Wire-to-Board
Component Type	Receptacle
Product Name	HDMI
Standard	HDMI 1.0
Type	A
UPC	884982385719

Electrical

Current - Maximum per Contact	0.5A
Grounding to Panel	Yes
Shielded	Yes
Shield Type	Full Shield
Voltage - Maximum	40V AC

Physical

Circuits (Loaded)	19

Circuits (maximum)	19
Color - Resin	Black
Durability (mating cycles max)	10000
Gender	Female
Keying to Mating Part	No
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin-Bismuth
Material - Resin	High Temperature Thermoplastic
Mounting Style	Top-Mount
Net Weight	2.056/g
Number of Rows	2
Orientation	Right Angle
Packaging Type	Embossed Tape on Reel
Panel Mount	No
PCB Retention	Yes
PCB Thickness - Recommended	1.20mm
Pitch - Mating Interface	0.50mm
Pitch - Termination Interface	0.50mm
Plating min - Mating	0.762µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	1
Temperature Range - Operating	-20° to +85°C
Termination Interface Style	Surface Mount

Solder Process Data

Max-Duration	20
Lead-Free Process Capability	REFLOW
Max-Cycle	1
Max-Temp	265