Part Number : 732843921
Product Description : Standard-Density EMI Filtered D-Sub Connector, Female, Straight, PCB Through Hole, 4000pF Pi, Locking Inserts, 25 Circuits
Series Number : 73284
Status : Active
Product Category : D-Sub Connectors



Documents and Resources

Drawings

732843921_sd.pdf

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Product Environment Compliance

Compliance

China RoHS	Not Reviewed
EU ELV	Not Reviewed
Low-Halogen Status	Not Reviewed
REACH SVHC	Not Reviewed
EU RoHS	Not Reviewed

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)

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Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	D-Sub Connectors
Series	73284
Description	Standard-Density EMI Filtered D-Sub Connector, Female, Straight, PCB Through Hole, 4000pF Pi, Locking Inserts, 25 Circuits
Application	RF
Component Type	Connector
Product Name	EMI Filtered D-Sub
Type	Standard Density EMI Filtered
UPC	198282534174

Electrical

Current - Maximum per Contact	5.0A
Capacitance Value	4000 pF
Capacitance Tolerance	+ 100 / - 0%
3 dB Cut-off Frequency Max. (MHz)	0.8
Dielectric Withstanding Voltage (V)	150
EMI Filter Circuits	Pi Style
Minimum Insertion Loss (dB) - 1 GHz	70
Minimum Insertion Loss (dB) - 10 MHz	13
Minimum Insertion Loss (dB) - 100 MHz	50
Minimum Insertion Loss (dB) - 20 MHz	20

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Minimum Insertion Loss (dB) - 200 MHz	64
Minimum Insertion Loss (dB) - 5 MHz	8
Minimum Insertion Loss (dB) - 50 MHz	37
Minimum Insertion Loss (dB) - 500 MHz	70
Shielded	Yes
Voltage - Maximum	50V DC

Physical

Circuits (Loaded)	25
Circuits (maximum)	25
Color - Resin	Black
Durability (mating cycles max)	500
Gender	Female
Material - Contact	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Polyester
Material - Shell	Zinc
Number of Rows	2
Orientation	Straight
Packaging Type	Tray
Panel Mount	Rear
Panel Mount Method	Hardware
PCB Locator	No
PCB Retention	No
PC Tail Length	3.81mm
Pitch - Mating Interface	2.77mm
Pitch - Termination Interface	2.77mm
Plating min - Mating	0.760µm
Plating min - Termination	Flash
Plating - Shell	Nickel
Polarized to Mating Part	Yes

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Polarized to PCB	Yes
Ports	1
Temperature Range - Operating	-55° to +125°C
Termination Style	Through Hole
Waterproof / Dustproof	No
Wire Size (AWG)	N/A

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