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Part Number: [0743204006](#)
Status: **Active**
Description: MicroCross™ DVI-D Digital Visual Interface, PCB Receptacle, Panel Mount, Through Hole, Right Angle, Gold (Au) Flash, 2.79mm (.110") PC Tail Length, Polyester (PCT), Lead Free, Screw Hole, 4-40 Thread, 24 Circuits

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-74320-001 \(PDF\)](#)

Agency Certification

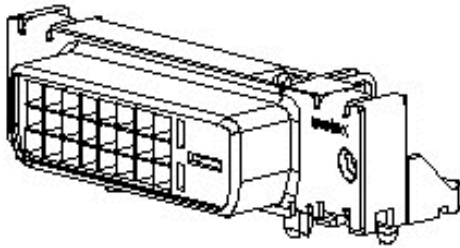
UL E29179

General

Product Family I/O Connectors
Series [74320](#)
Application Wire-to-Board
Comments DDWG (Digital Display Working Group) Standard
Component Type Receptacle
Product Name MicroCross™DVI
Type N/A

Physical

Boot Color N/A
Circuits (Loaded) 24
Circuits (maximum) 24
Color - Resin Natural
Durability (mating cycles max) 100
Flammability 94V-0
Gender Receptacle
Keying to Mating Part Yes
Lock to Mating Part Yes
Material - Metal Copper Alloy
Material - Plating Mating Gold
Material - Plating Termination Tin
Number of Rows 3
Orientation Right Angle
PC Tail Length (in) 0.110 In
PC Tail Length (mm) 2.79 mm
PCB Locator Yes
PCB Retention Yes
Packaging Type Tray
Panel Mount Yes
Pitch - Mating Interface (in) 0.075 In
Pitch - Mating Interface (mm) 1.91 mm
Pitch - Term. Interface (in) 0.075 In
Pitch - Term. Interface (mm) 1.91 mm
Plating min: Mating (µin) 2
Plating min: Mating (µm) 0.05
Plating min: Termination (µin) 100
Plating min: Termination (µm) 2.50
Polarized to Mating Part Yes
Polarized to PCB Yes
Ports 1
Surface Mount Compatible (SMC) No
Temperature Range - Operating -20°C to +85°C



Series

image - Reference only

EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
Not Reviewed
**Halogen-Free
Status**

China RoHS



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

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of
Compliance, [click here](#)

Please visit the [Contact Us](#) section for any
non-product compliance questions.

Search Parts in this Series

[74320Series](#)

Mates With

[88744](#) , [74323](#)

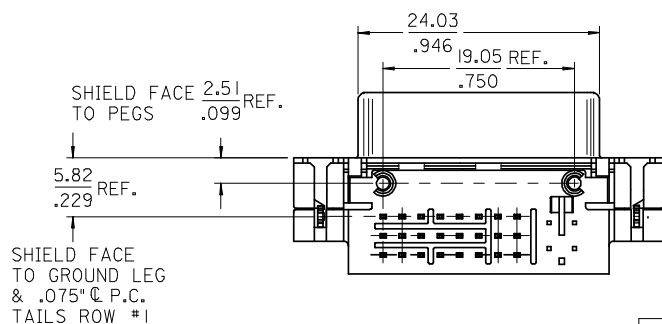
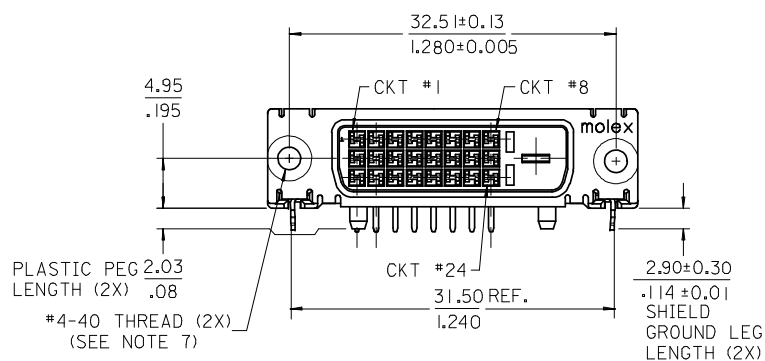
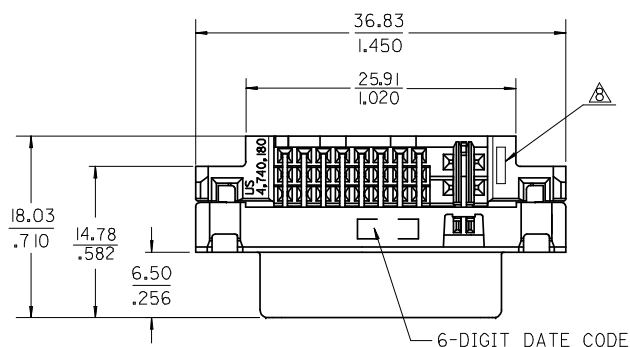
Use With

[71781](#) Panel Mount Hex Screw Kit

Termination Interface: Style	Through Hole
Waterproof / Dustproof	No
Wire Size AWG	N/A
Electrical	
Current - Maximum per Contact	3A
Grounding to Panel	Yes
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	40V AC (RMS)
Solder Process Data	
Duration at Max. Process Temperature (seconds)	10
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	260
Material Info	
Reference - Drawing Numbers	
Product Specification	PS-74320-001
Sales Drawing	SD-74320-103

This document was generated on 04/05/2010

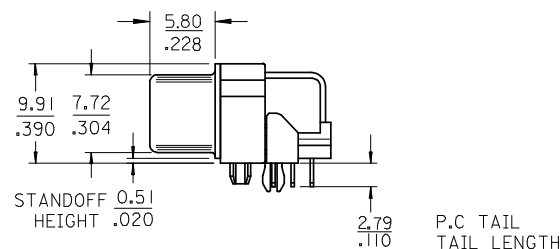
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NOTES:

1. MATERIALS:
SHIELD -- DEEP DRAW STEEL.
HOUSING -- GLASS FILLED POLYMER, NATURAL (WHITE), UL 94v-0.
TAIL ALIGNER -- GLASS FILLED POLYMER, NATURAL (WHITE), UL 94v-0.
CONTACTS -- COPPER ALLOY.
MICROCROSS GROUND -- COPPER ALLOY.
JACKPOSTS -- STEEL
2. PLATING: SEE SHEET 2
3. PRODUCT CONFORMS TO MOLEX PRODUCT SPECIFICATION NUMBER PS-74320-001. REFER TO THIS SPECIFICATION FOR SPACING ON A P.C.B. OF TWO OR MORE CONNECTORS WHEN USING A CABLE OR AN ADAPTER ASSEMBLY.
4. SEE SHEET 2 FOR RECOMMENDED PANEL CUT-OUT AND P.C.B. LAYOUT.
5. PARTS WILL BE PACKAGED IN TRAYS PER PK-74320-009.
6. PRODUCT CONFORMS TO DDWG DVI SPECIFICATION. REFER TO THIS SPECIFICATION FOR CONNECTOR MATING DIMENSIONS.
7. RECOMMENDED MOUNTING HARDWARE IS MOLEX P/N : 88780-6066 OR 82007-0300. OR 71781-0001. REFER TO PRODUCT SPECIFICATION NUMBER PS-74320-001 FOR THE APPLICATION TORQUE REQUIREMENT FOR ASSEMBLING MOUNTING HARDWARE.

△ CAVITY NO. AND MANUFACTURING PLANT CODE.



PART NUMBER	CONNECTOR	JACKPOST
74320-4006	74320-4026	47570-0002

REVISE EC NO: SH2008-0320 DRWN: XJONG CHKD: JTIAN APPR: HWANG	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM/IN		SCALE 2:1	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION
				mm	INCH	DRAWN BY XJONG	DATE 2007/04/02	TITLE DVI-DITITAL RIGHT ANGLE RECEPTACLE CONNECTOR WITH JACKPOSTS MOLEX INCORPORATED		
			4 PLACES	± ---	± ---	CHECKED BY JTIAN	DATE 2007/04/02			
			3 PLACES	± ---	± .010					
			2 PLACES	± 0.25	± .010	APPROVED BY JNCHEN	DATE 2007/04/02			
			1 PLACE	± 0.25	± .010					
ANGULAR ± 3 °			MATERIAL NO. 74320-4006		DOCUMENT NO. SD-74320-103		SHEET NO. 1 OF 2			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

