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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**

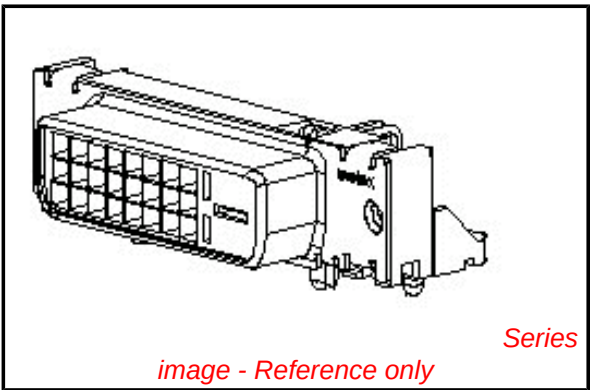
UL E29179

**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



**EU RoHS**

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

**China RoHS**



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

Email [productcompliance@molex.com](mailto: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](#)

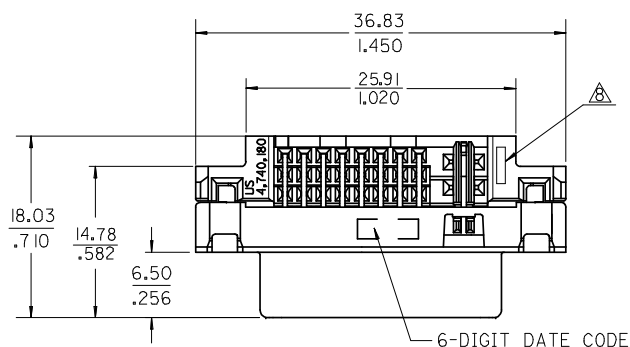
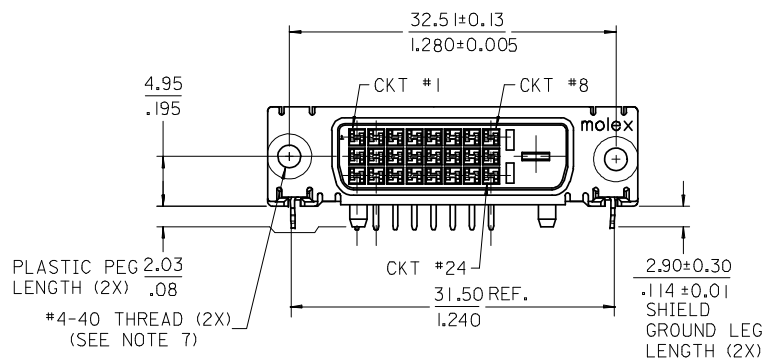
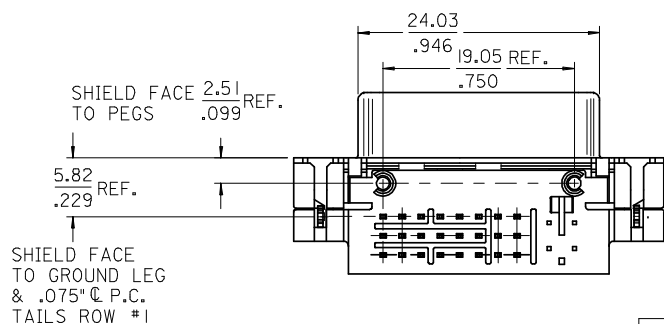
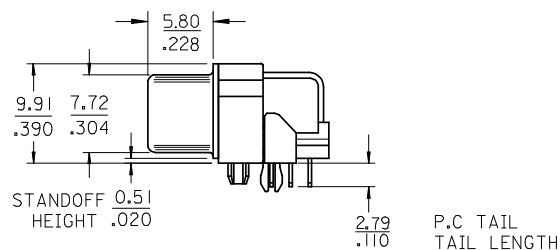
**Mates With**  
[88744](#) , [74323](#)

**Use With**  
[71781](#) Panel Mount Hex Screw Kit

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

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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 |

| REV | DESCRIPTION        | DATE       | BY         |
|-----|--------------------|------------|------------|
| 1   | REVISE             | 2008/03/04 | APPR:HWANG |
| 2   | EC NO: SH2008-0320 | 2008/01/23 | CHKD:JTIAN |
| 3   | DRWN:XJSONG        | 2008/01/10 |            |

| QUALITY SYMBOLS |
|-----------------|
| ▽=0             |
| ▽=0             |

| GENERAL TOLERANCES (UNLESS SPECIFIED)                |
|------------------------------------------------------|
| 4 PLACES ± --- ± ---                                 |
| 3 PLACES ± --- ± .010                                |
| 2 PLACES ± 0.25 ± .010                               |
| 1 PLACE ± 0.25 ± .010                                |
| ANGULAR ± 3 °                                        |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |

| DIMENSION STYLE | SCALE      | DESIGN UNITS                                                |
|-----------------|------------|-------------------------------------------------------------|
| MM/IN           | 2:1        | INCH                                                        |
| DRAWN BY        | DATE       | TITLE                                                       |
| XJSONG          | 2007/04/02 | DVI-DITITAL RIGHT ANGLE RECEPTACLE CONNECTOR WITH JACKPOSTS |
| CHECKED BY      | DATE       |                                                             |
| JTIAN           | 2007/04/02 |                                                             |
| APPROVED BY     | DATE       |                                                             |
| JNCHEN          | 2007/04/02 |                                                             |
| MATERIAL NO.    |            |                                                             |
| 74320-4006      |            |                                                             |

| THIRD ANGLE PROJECTION    |
|---------------------------|
| MOLEX INCORPORATED        |
| DOCUMENT NO. SD-74320-103 |
| SHEET NO. 1 OF 2          |

