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Part Number: [0743203009](#)
Status: **Active**
Description: MicroCross™ DVI-A Analog Visual Interface, PCB Receptacle, Panel Mount, Through Hole, Vertical, Gold (Au) Flash, Lead Free, Screw Hole, 4-40 Thread, 12 Circuits

Documents:

Drawing (PDF)	Product Specification PS-74320-001 (PDF)
Test Summary (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

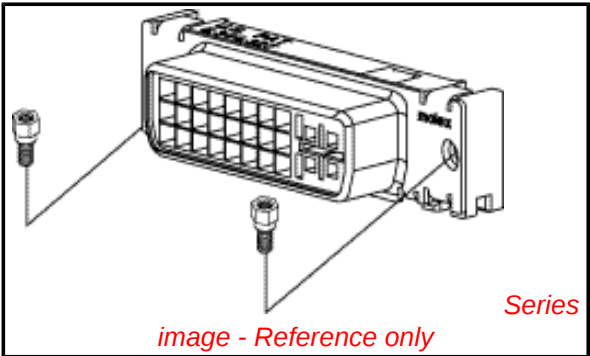
UL	E29179
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General

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)	12
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	Vertical
PC Tail Length (in)	0.092 In
PC Tail Length (mm)	2.34 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
Termination Interface: Style	Through Hole



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
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

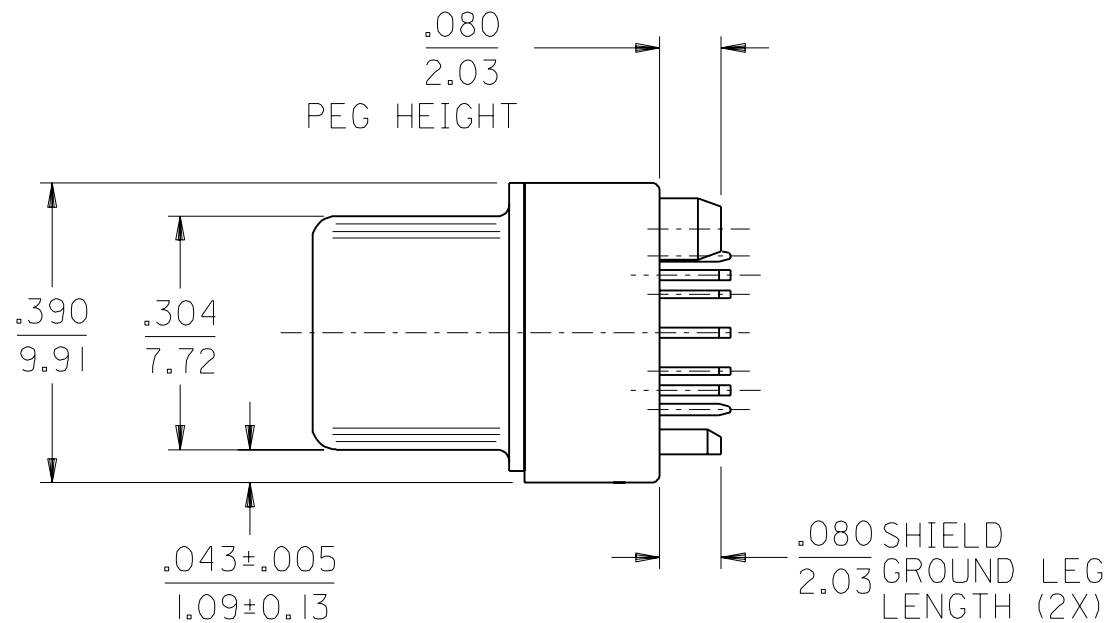
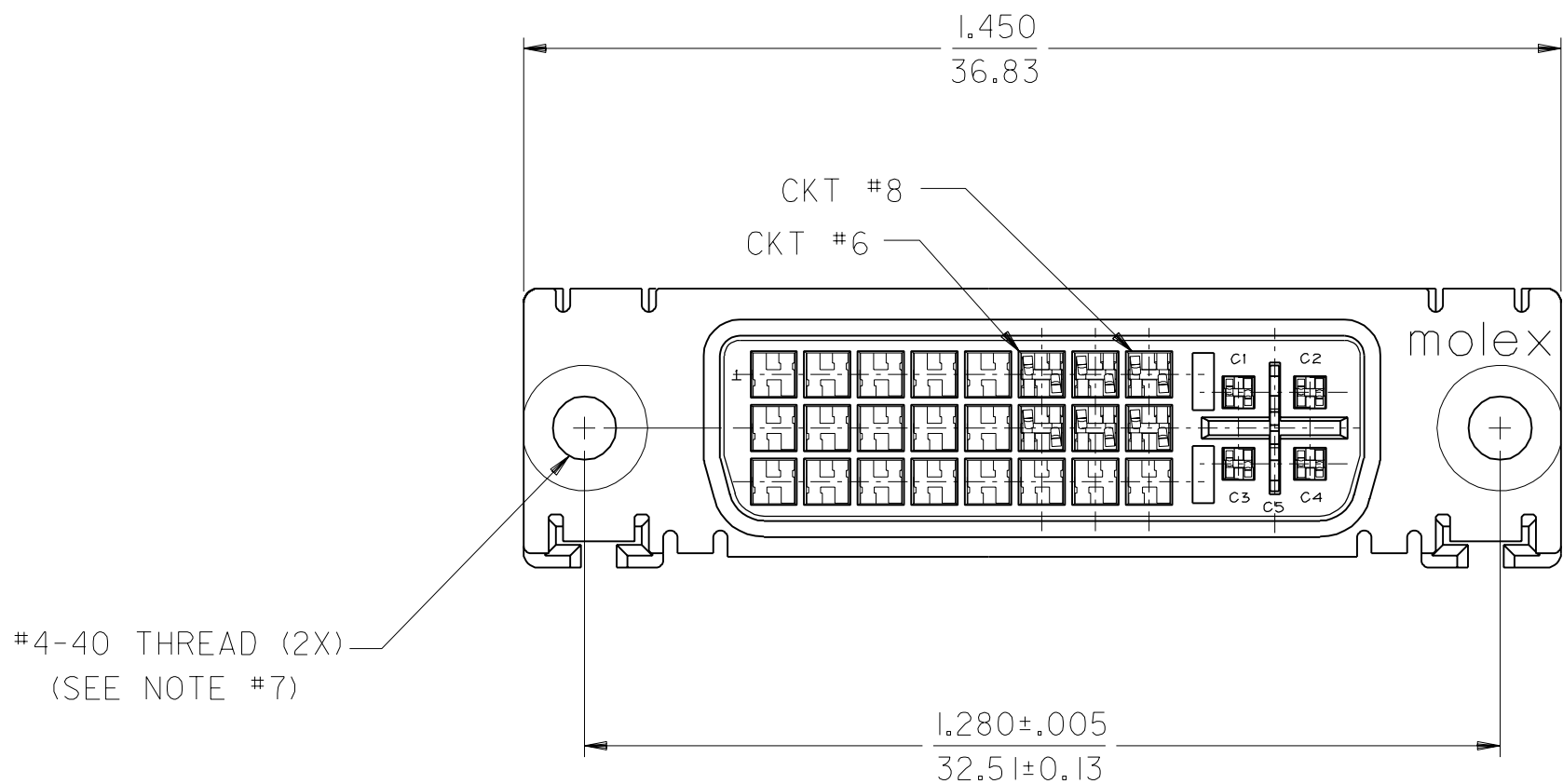
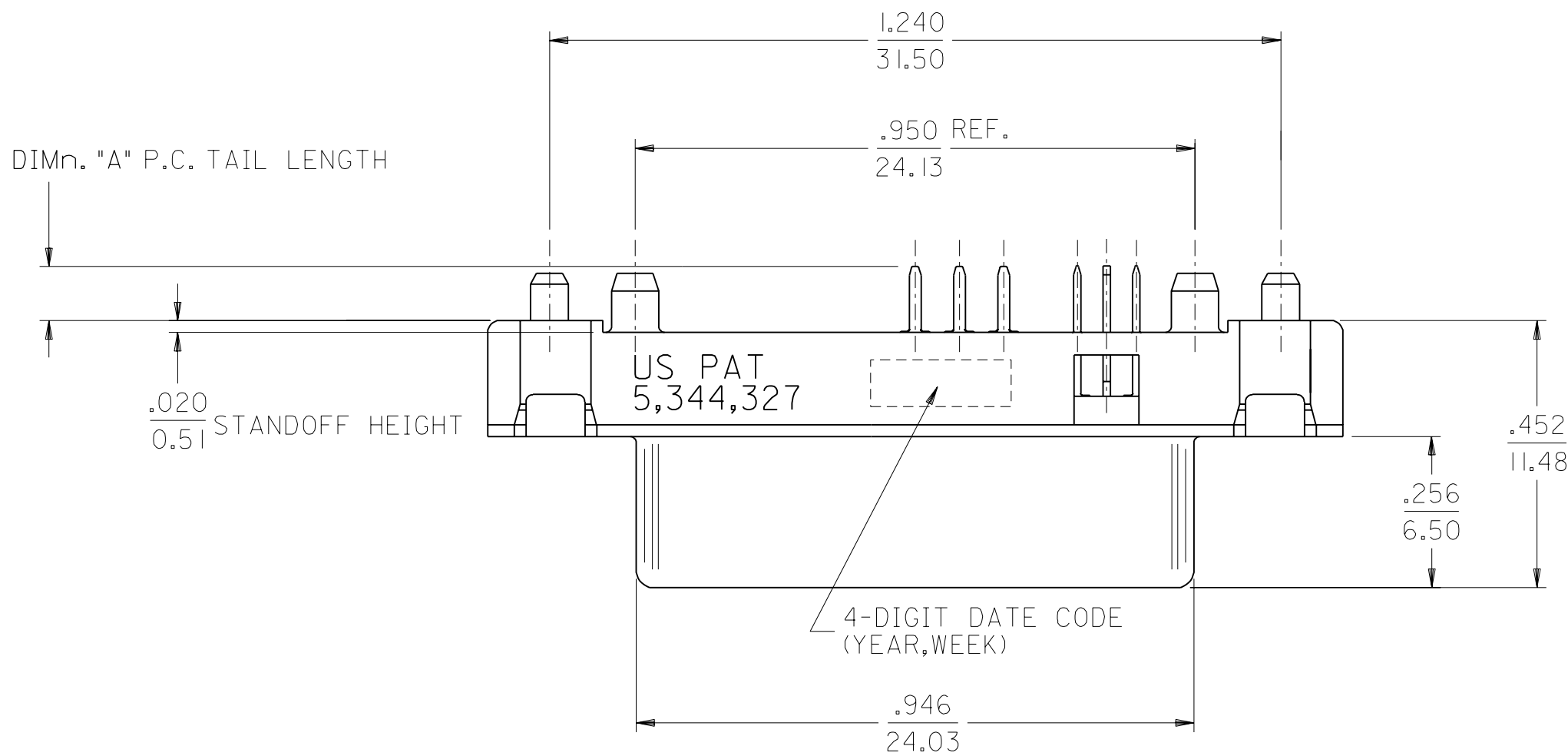
[71781](#) Panel Mount Hex Screw Kit

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	
Lead-free Process Capability	Wave Capable (TH only)
Material Info	
Reference - Drawing Numbers	
Product Specification	PS-74320-001
Sales Drawing	SD-74320-016

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.
CONTACTS -- COPPER ALLOY.
MICROCROSS GROUND -- COPPER ALLOY
 - 2. PLATING: SEE SHEET 2.
 - 3. PRODUCT CONFORMS TO MOLEX PRODUCT SPECIFICATION NUMBER PS-74320-001.
 - 4. SEE SHEET 2 FOR RECOMMENDED PANEL CUT-OUT AND P.C.B. LAYOUT.
 - 5. PARTS WILL BE PACKAGED IN TRAYS PER PK-74320-010.
 - 6. PRODUCT CONFORMS TO DDWG DVI SPECIFICATION. REFER TO THIS SPECIFICATION FOR CONNECTOR MATING DIMENSIONS.
 - 7. RECOMMENDED MOUNTING HARDWARE IS MOLEX P/N 71781-0001 OR 82007-0300 OR 88780-6066.REFER TO PRODUCT SPECIFICATION NUMBER PS-74320-001 FOR THE APPLICATION TORQUE REQUIREMENT FOR ASSEMBLING MOUNTING HARDWARE.



PART NUMBER	DIMn "A"	PLATING OPTION
74320-3008	.092/2.34	1
74320-3009	.092/2.34	2

MODIFICATION	DESCRIPTION	REV	QUALITY SYMBOLS
EC No. SH2004-0130 DRWN: DXUE 04/03/05 CHK: HARVEY 04/03/11 APPR: SHUANG 04/03/12		D	

GENERAL TOLERANCES: (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	±0.	±.
3 PLACES	±0.	±. 0 10
2 PLACES	±0.25	±. 0 10
1 PLACE	±0.25	±. 0 10
ANGULAR: ± 1/2°		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

SCALE 4 : 1		DESIGN UNITS ☐ mm ☒ INCH		 THIRD ANGLE PROJECTION		☐ mm INCH ☒ INCH mm ☐ mm ONLY		REVISE ON CAD ONLY	
DRAWN BY & DATE KSMITH 99/07/15				TITLE: DVI - A VERTICAL RECEPTACLE CONNECTOR					
CHECKED BY & DATE DSCHMIDG 99/07/15									
APPROVED BY & DATE RNELSON 99/07/15									
 MOLEX INCORPORATED									
CAD FILENAME SD74320016.SOI				MATERIAL NO. SEE CHART		DRAWING NO. SD-74320-016		SHEET NO. 1 OF 2	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.								SIZE C	

