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Part Number:

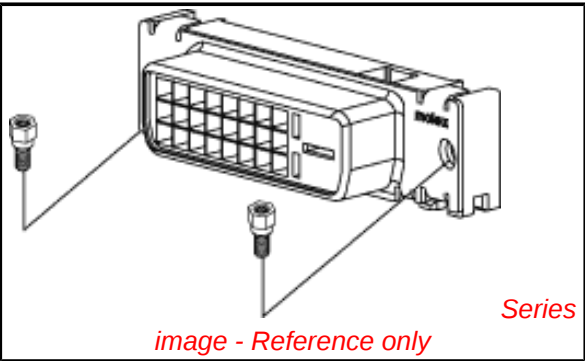
0743205000

Status:

Active

Description:

MicroCross™ DVI-D Digital Visual Interface, PCB Receptacle, Panel Mount, Through Hole, Vertical, 0.76µm (30µ") Gold (Au), Lead Free, Screw Hole, 4-40 Thread, 24 Circuits



Documents:

[Drawing \(PDF\)](#)

[Test Summary \(PDF\)](#)

[Product Specification PS-74320-001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

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
MolexKits	Yes
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	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)	30
Plating min: Mating (µm)	0.76
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

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

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.

China RoHS

Search Parts in this Series

74320Series

Mates With

88744 , 74323

Use With

71781 Panel Mount Hex Screw Kit

Temperature Range - Operating	-20°C to +85°C
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)

Material Info

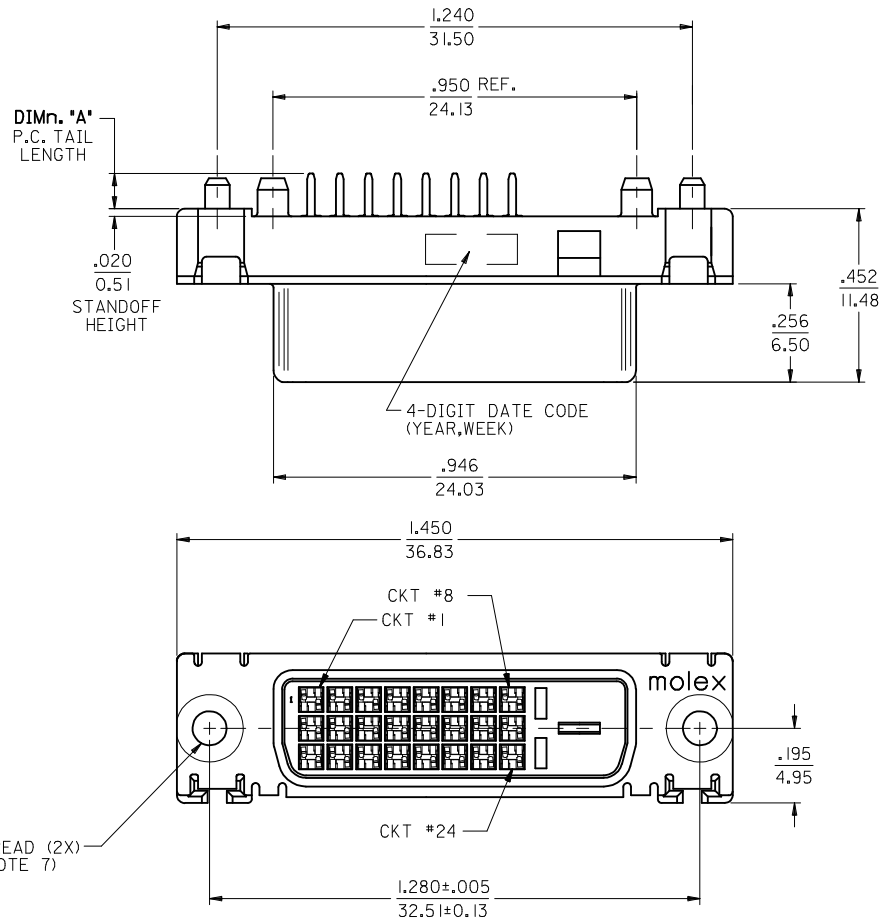
Reference - Drawing Numbers

Packaging Specification	PK-74320-002, PK-74320-010
Product Specification	PS-74320-001
Sales Drawing	SD-74320-004
Test Summary	TS-74320-001

This document was generated on 06/07/2010

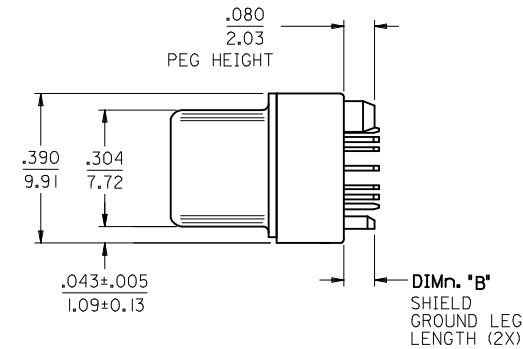
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10 9 8 7 6 5 4 3 2 1



NOTES:

1. MATERIALS:
SHIELD -- DEEP DRAW STEEL.
HOUSING -- GLASS FILLED POLYMER, NATURAL (WHITE), UL 94v-0.
CONTACTS -- 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"	DIMn "B"	PLATING OPTION
74320-5000	.092/2.34	.080/2.03	1
74320-5001	.050/1.27	.080/2.03	1
74320-5004	.092/2.34	.080/2.03	2
74320-5005	.050/1.27	.080/2.03	2
74320-5006	.110/2.79	.110/2.79	2

REVISE	EC NO: SH2010-0059	2009/08/18	2009/08/19	2009/09/28
DRWN: XJSONG	CHKD: XJSONG	APPR: RZHANG	REV	DESCRIPTION

QUALITY SYMBOLS
▽=0
▽=0

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

DIMENSION STYLE IN/MM	
DRAWN BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE
MATERIAL NO.	DATE
SIZE	SEE CHART

SCALE	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
TITLE		
DVI-DIGITAL VERTICAL RECEPTACLE CONNECTOR		
molex MOLEX INCORPORATED		
DOCUMENT NO.		SHEET NO.
SD-74320-004		1 OF 2
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9 8 7 6 5 4 3 2 1

