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Part Number: [0743204004](#)
Status: **Active**
Description: MicroCross™ DVI-D Digital Visual Interface, PCB Receptacle, Polyester (PCT), Panel Mount, Through Hole, Right Angle, Gold (Au) Flash, 2.34mm (.0921") PC Tail Length, Lead Free, Screw Hole, 4-40 Thread, 24 Circuits

Documents:

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

Agency Certification

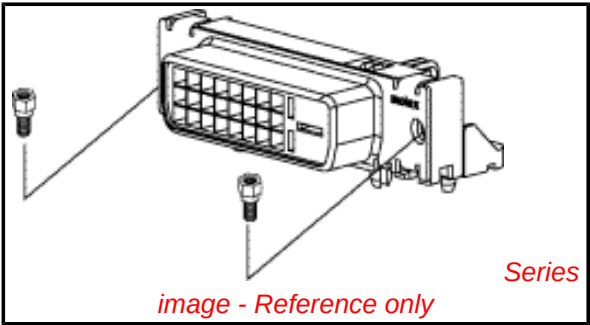
UL	E29179
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General

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)	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)	0.092 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



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

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	
Product Specification	PS-74320-001, RPS-74320-005, RPS-74320-006, RPS-74320-007, RPS-74320-008, RPS-74320-010, RPS-74320-011, RPS-74320-012, RPS-74320-013, RPS-74320-016
Sales Drawing	SD-74320-003

This document was generated on 04/05/2010

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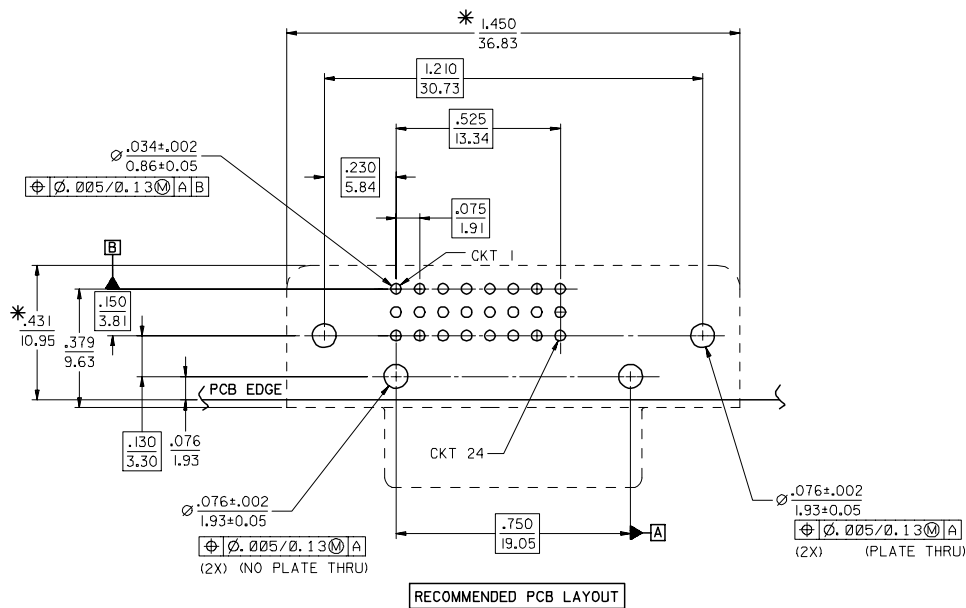
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*THESE DIMENSIONS REPRESENT CONNECTOR OVERLAY ON PCB.

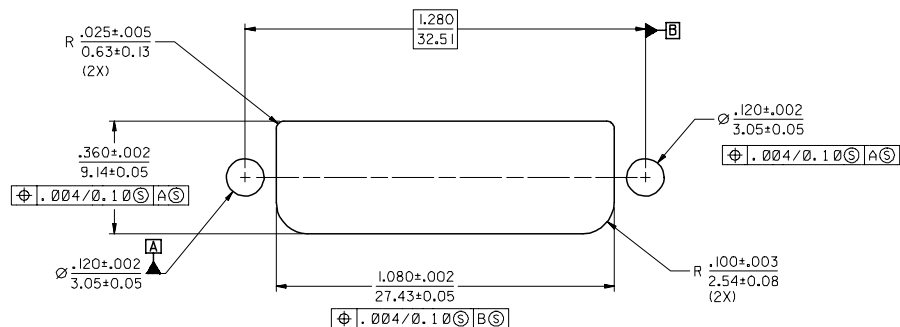
PLATING OPTIONS:

PLATING OPTION #1:

OUTER SHIELD -- 150u"/(3.75um) MIN. BRIGHT TIN OVER
50u"/(1.27um) MIN. NICKEL OVER COPPER FLASH.
.075"/(1.91mm) CONTACTS -- 30u"/(0.75um) MIN. SELECT GOLD AND
100u"/(2.50um) MIN. SELECT PURE TIN
OVER 50u"/(1.27um) MIN. NICKEL OVERALL.

PLATING OPTION #2:

OUTER SHIELD -- 150u"/(3.75um) MIN. BRIGHT TIN OVER
50u"/(1.27um) MIN. NICKEL OVER COPPER FLASH.
.075"/(1.91mm) CONTACTS -- SELECT GOLD FLASH AND
100u"/(2.50um) MIN. SELECT PURE TIN
OVER 50u"/(1.27um) MIN. NICKEL OVERALL.



RECOMMENDED PANEL CUT-OUT
PANEL THICKNESS: .030" - .040"

SEE SHEET 1
EC NO: SH2007-0732
DRAWN BY: JONG
CHKD BY: JIAN
APPR: JNCHN
2007/06/04
2007/06/05
2007/06/22

QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	±.005	±.0005
3 PLACES	±.010	±.0010
2 PLACES	±.025	±.0025
1 PLACE	±.050	±.0050
ANGULAR ±1/2°		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
IN/MM		2:1	INCH		
DRAWN BY	DATE	DVI-DIGITAL RIGHT ANGLE RECEPTACLE CONNECTOR			
MOSULL IV	1999/02/12				
CHECKED BY	DATE	MOLEX INCORPORATED			
MOSULL IV	1999/02/12				
APPROVED BY	DATE	SD-74320-003			
NELLIGAN	1999/02/12				
MATERIAL NO.		DOCUMENT NO.	SHEET NO.		
SEE CHART		SD-74320-003			2 OF 2
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