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Part Number:

0743232103

Status:

Active

Description:

MicroCross™ DVI Digital Dual Channel, High Volume Plug Connector Sub- assembly, for PCB Mount, Gold (Au) Flash, Vertical, with key, 24 Circuits, Lead Free

Documents:

- Drawing (PDF)

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

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

I/O Connectors

Series

74323

Application

Wire-to-Board

Comments

DDWG (Digital Display Working Group) Standard

Component Type

I/O Plug Connector Subassembly

Product Name

MicroCross™ DVI

Type

N/A

Physical

Boot Color

N/A

Circuits (Loaded)

24

Circuits (maximum)

29

Circuits Detail

Circuits 1-24 are loaded; with key

Color - Resin

Black

Durability (mating cycles max)

100

Flammability

94V-0

Keying to Mating Part

Yes

Lock to Mating Part

Yes

Material - Metal

Copper Alloy

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Material - Resin

High Temperature Thermoplastic

Number of Rows

3

Orientation

Vertical

PCB Retention

None

Packaging Type

Tray

Panel Mount

N/A

Pitch - Mating Interface (in)

0.075 In, 0.100 In

Pitch - Mating Interface (mm)

1.90 mm, 2.54 mm

Pitch - Term. Interface (in)

0.075 In, 0.100 In

Pitch - Term. Interface (mm)

1.90 mm, 2.54 mm

Plating min: Mating (µin)

10

Plating min: Mating (µm)

0.25

Plating min: Termination (µin)

150

Plating min: Termination (µm)

3.80

Polarized to Mating Part

Yes

Polarized to PCB

Yes

Ports

1

Temperature Range - Operating

-20°C to +85°C

Termination Interface: Style

Solder or Weld

Waterproof / Dustproof

No

Wire Size AWG

N/A

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

74323Series

Mates With

Other receptacle components, 74320 DVI Receptacle, 67351 DVI Receptacle

Electrical

Current - Maximum per Contact	3A
Grounding to Panel	Yes
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	40V AC (RMS)

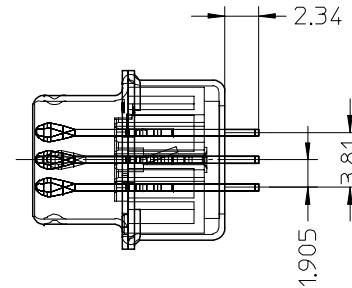
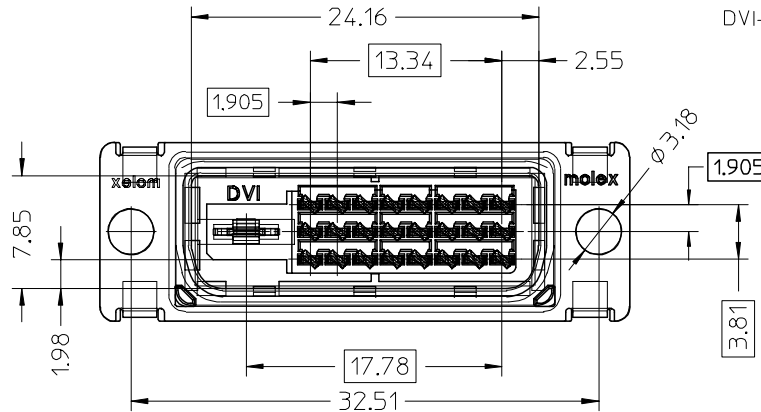
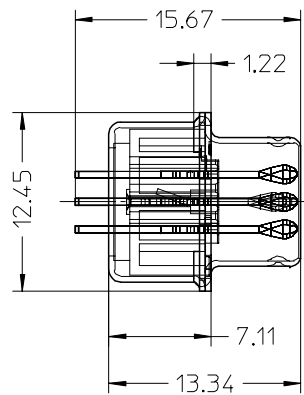
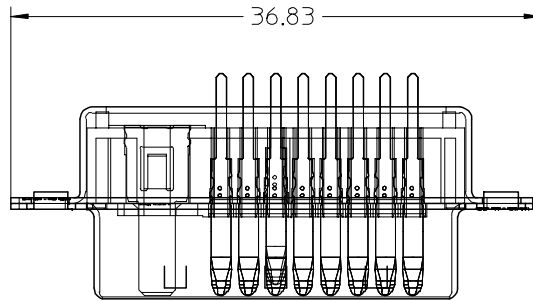
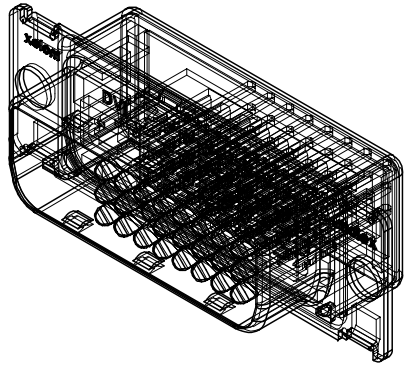
Material Info

Reference - Drawing Numbers

Product Specification	PS-74320-001
Sales Drawing	SD-74323-005

This document was generated on 04/05/2010

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NOTES:

1.MATERIALS: HOUSING: HIGH TEMPERATURE PLASTIC

UL 94V-0, COLOR: BLACK

TERMINAL: COPPER ALLOY

SHIELD: STEEL ALLOY

2.FINISH: TERMINAL: SEE THE CHART FOR GOLD PLATING OVER 1.27 MICROMETER (50u") NICKEL IN CONTACT AREA AND 3.81 MICROMETER (150u") PURE TIN OVER 1.27 MICROMETER (50u") NICKEL AT SOLDERING AREA.

SHIELD: 3.81 MICROMETER (150u") BRIGHT TIN OVER 1.27 MICROMETER (50u") NICKEL OVERALL.

3.PRODUCT SPECIFICATION: PS-74320-001.

4.PACKAGING: PARTS ARE TO BE PACKAGED 40 PCS PER TRAY.

5.THE LOADED CIRCUITS SEE THE CHART.

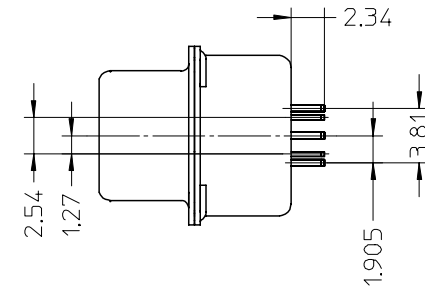
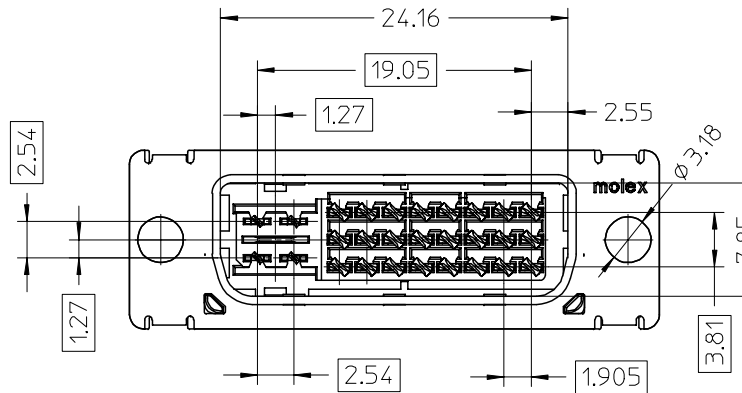
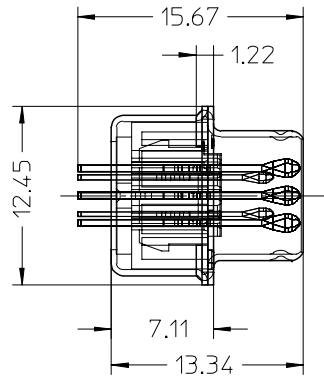
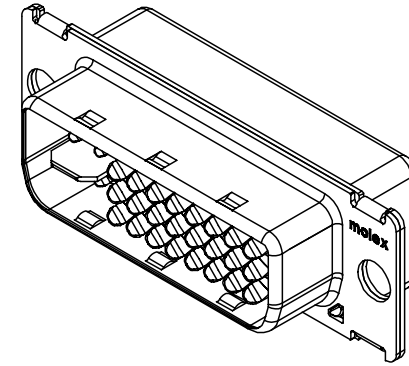
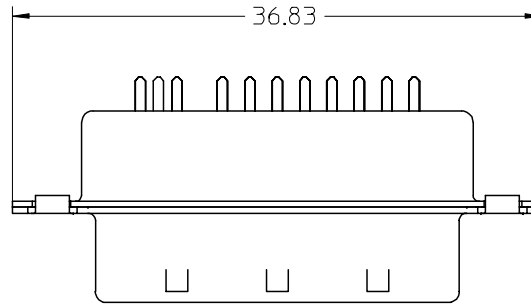
6.THE DIMENSION SHOWN ON SHEET 1 REFLECT THE DVI-D SINGLE AND DUAL CHANNEL ASSEMBLY.

THE DIMENSION SHOWN ON SHEET 2 REFLECT THE DVI-A AND DVI-I ASSEMBLY. FOR ALL OTHER DIMENSIONS REFER TO SHEET 1.

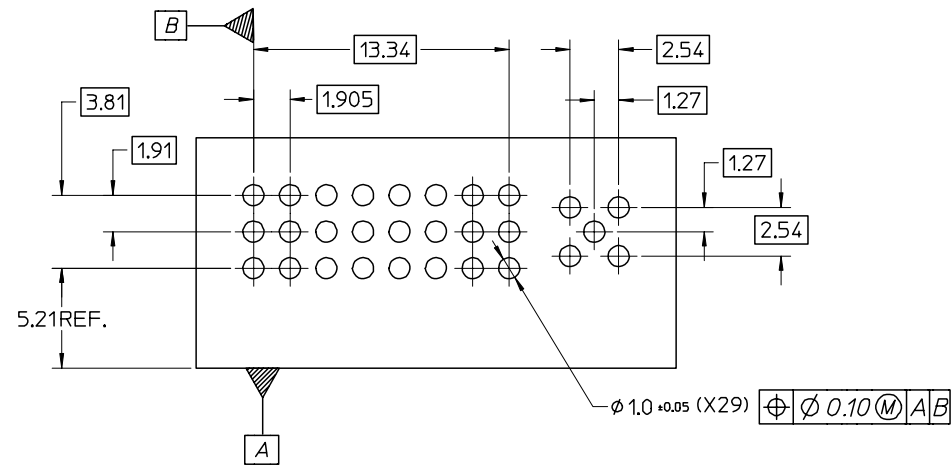
LEAD-FREE EC NO: SH2005-0067 DRWN:DXUE 2004/09/02 CHKD: 2004/09/03 APPR: YTYAP 2004/09/09	QUALITY SYMBOLS	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 1:1	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION	REVISE ON CAD ONLY		
	B	REV	▽ = 0 ▽ = 0	DRAFT WHERE APPLICABLE		MATERIAL NO.		DOCUMENT NO.		SHEET NO. 1 OF 3
				MUST REMAIN WITHIN DIMENSIONS		DATE		SD-74323-005		
						00/05/12				
						00/05/12		SEE TABLE		
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										

74323

PART NO.	DESCRIPTION	LOAD CIRCUIT REF
74323-2101	DVI-D Au FLASH SINGLE CHANNEL	1-3,6-8,9-11,14-16,17-19,22-24 WITH KEY
74323-2102	DVI-D 30 u" Au SINGLE CHANNEL	1-3,6-8,9-11,14-16,17-19,22-24 WITH KEY
74323-2103	DVI-D Au FLASH DUAL CHANNEL	1-24, WITH KEY
74323-2104	DVI-D 30 u" Au DUAL CHANNEL	1-24, WITH KEY
74323-2111	DVI-A Au FLASH	1-2,6-8,14-16,17-18,23-24 C1-C5
74323-2112	DVI-A 30 u" Au	1-2,6-8,14-16,17-18,23-24 C1-C5
74323-2131	DVI-I Au FLASH SINGLE CHANNEL	1-3,6-8,9-11,14-16,17-19,22-24 C1-C5
74323-2132	DVI-I 30 u" Au SINGLE CHANNEL	1-3,6-8,9-11,14-16,17-19,22-24 C1-C5
74323-2133	DVI-I Au FLASH DUAL CHANNEL	1-24,C1-C5
74323-2134	DVI-I 30 u" Au DUAL CHANNEL	1-24,C1-C5



LEAD-FREE EC NO: SH2005-0067 DRWN:DXUE 2004/09/02 CHKD: 2004/09/03 APPR: YTYAP 2004/09/09 REV	QUALITY SYMBOLS ▽ = 0 ▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.25 ± --- 1 PLACE ± 0.25 ± --- ANGULAR ± .5 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SCALE 1:1 DESIGN UNITS INCH DIMENSION STYLE MM ONLY DRAWN BY JCHIANG CHECKED BY MLIN APPROVED BY MLIN	DATE 00/05/12 DATE 00/05/12 DATE 00/05/12	THIRD ANGLE PROJECTION REVISE ON CAD ONLY TITLE HIGH VOLUME DVI PLUG CONNECTOR FOR PCB MOUNT MATERIAL NO. SEE TABLE DOCUMENT NO. SD-74323-005 SHEET NO. 2 OF 3



LEAD-FREE EC NO: SH2005-0067 DRWN:DXUE 2004/09/02 CHKD: 2004/09/03 APPR: YTYAP 2004/09/09	QUALITY SYMBOLS	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 4:1	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION	REVISE ON CAD ONLY			
							TITLE			HIGH VOLUME DVI PLUG CONNECTOR FOR PCB MOUNT	
							MOLEX INCORPORATED				
B	REV		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY MLIN	DATE 00/05/12	MATERIAL NO. SEE TABLE	DOCUMENT NO. SD-74323-005	SHEET NO. 3 OF 3		
					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				B		