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Part Number: [0743232003](#)
Status: **Active**
Description: MicroCross™ DVI Digital Dual Link Component, High Volume Plug Connector Sub-assembly, Vertical, Gold (Au) Flash, with key, 24 Circuits, Lead Free

Documents:
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

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)	24
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

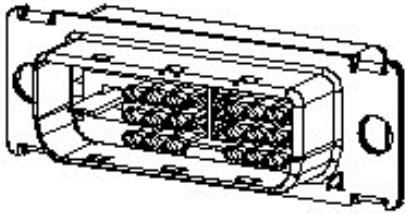


image - Reference only **Series**

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

Application Tooling | FAQ
Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.
Global

Description	Product #
MicroCross™ Soldering Fixture	0621003700

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

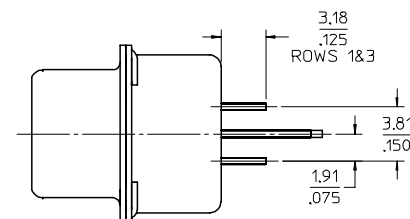
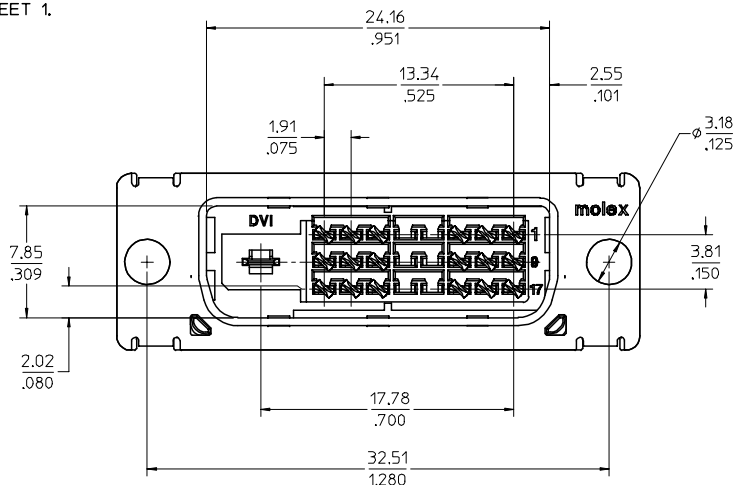
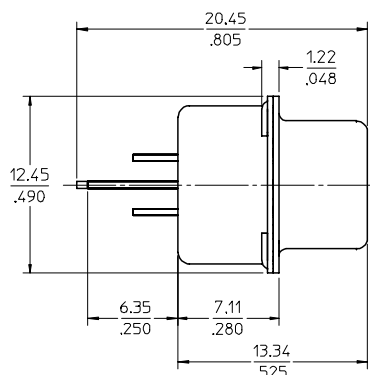
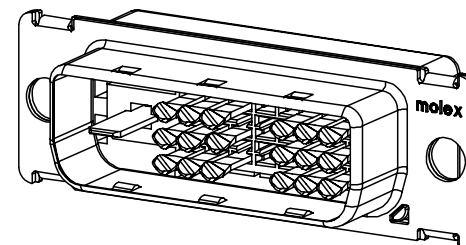
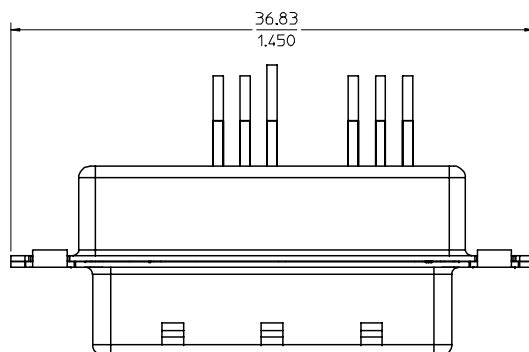
Sales Drawing	SD-74323-003
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This document was generated on 04/07/2010

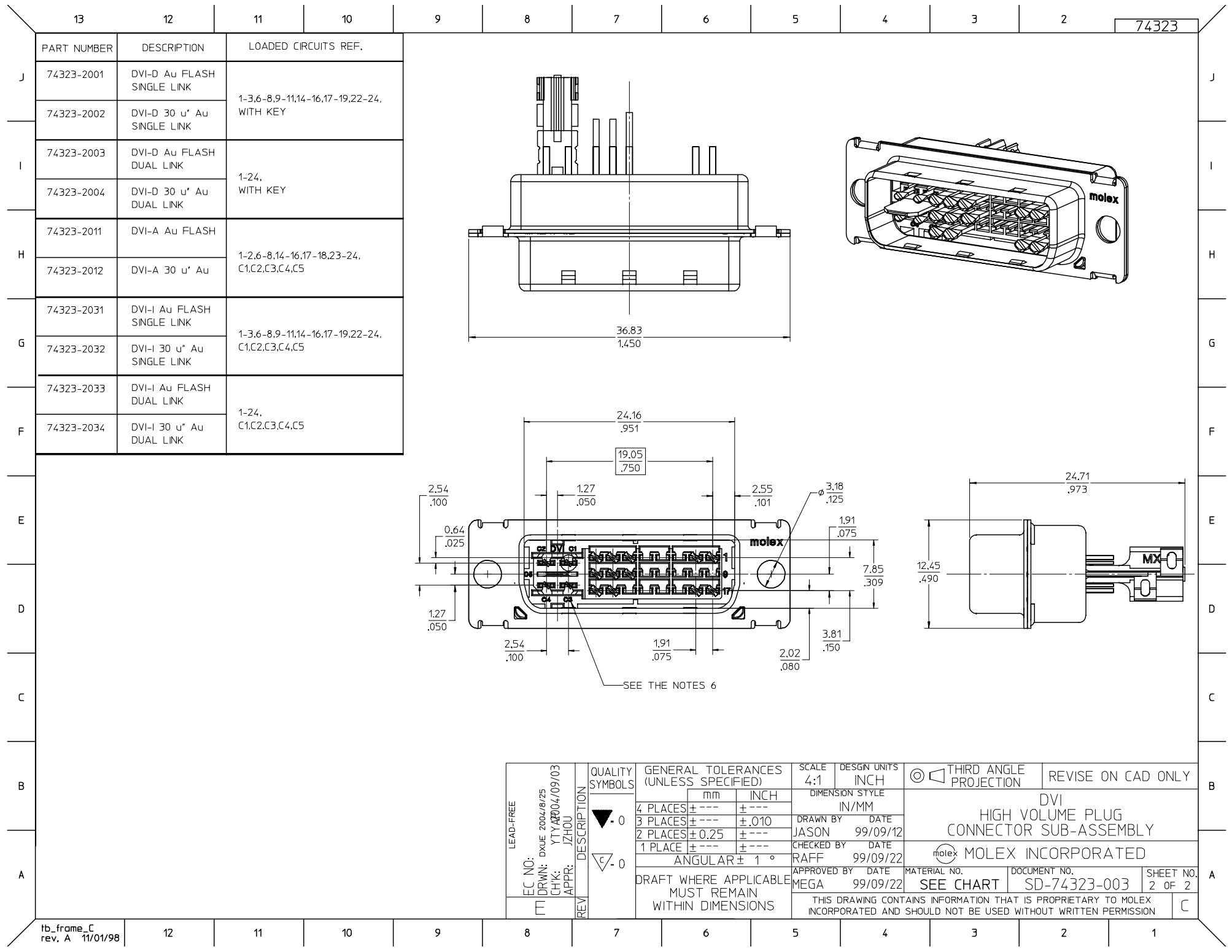
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NOTES:

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 (50 μ) NICKEL IN CONTACT AREA AND 3.81 MICROMETER (150 μ) PURE TIN OVER 1.27 MICROMETER (50 μ) NICKEL AT SOLDERING AREA.
SHIELD: 3.81 MICROMETER (150 μ) BRIGHT TIN OVER 1.27 MICROMETER (50 μ) 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 TEXTS ARE SHOWN FOR REFERENCE ONLY.
7. THE DIMENSION SHOWN ON SHEET 1 REFLECT THE DVI-D SINGLE AND DUAL CHANNEL SUB-ASSEMBLY.
THE DIMENSION SHOWN ON SHEET 2 REFLECT THE DVI-A AND DVI-I SUB-ASSEMBLY, FOR ALL OTHER DIMENSIONS REFER TO SHEET 1.



LEAD-FREE EC NO: SH2005-0067 DRWN: DXUE 2004/8/25 CHK: YTYAP2004/09/03 APPR: JZHOU	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION		REVISE ON CAD ONLY		
		 - 0  - 0		mm	INCH	DIMENSION STYLE IN/MM		DVI HIGH VOLUME PLUG CONNECTOR SUB-ASSEMBLY			
			4 PLACES	± ---	± ---	DRAWN BY	DATE	MOLEX INCORPORATED			
			3 PLACES	± ---	± .010	JASON	99/09/12				
			2 PLACES	± 0.25	± ---	CHECKED BY	DATE				
			1 PLACE	± ---	± ---	RAFF	99/09/22				
	ANGULAR ± 1 °		APPROVED BY DATE		MATERIAL NO.	DOCUMENT NO.	SHEET NO.				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MEGA	99/09/22	SEE CHART	SD-74323-003	1 OF 2		
	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									



LEAD-FREE	EC NO: DRWN: DXUE 2004/8/25 CHK: YTYA004/09/03 APPR: JZHOU	DESCRIPTION	QUALITY SYMBOLS -0 C-0	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 4:1	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION	REVISE ON CAD ONLY	
						DIMENSION STYLE			DVI	
						IN/MM			HIGH VOLUME PLUG	
						DRAWN BY DATE			CONNECTOR SUB-ASSEMBLY	
						JASON 99/09/12			MOLEX INCORPORATED	
						CHECKED BY DATE			MATERIAL NO. DOCUMENT NO. SHEET NO.	
		RAFF 99/09/22		SD-74323-003 2 OF 2						
		APPROVED BY DATE		SEE CHART						
		MEGA 99/09/22								
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								