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Part Number:

0743232061

Status:

Active

Description:

MicroCross™ DVI Analog, Single Link, High Volume Plug Connector Sub- assembly, ESD Type, Vertical, Gold (Au) Flash, 17 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)	17
Circuits (maximum)	29
Circuits Detail	Circuits 1-2,6-8,14-16,17-18,23-24; C1-C5 are loaded
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

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™	0621003700
Soldering Fixture	

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

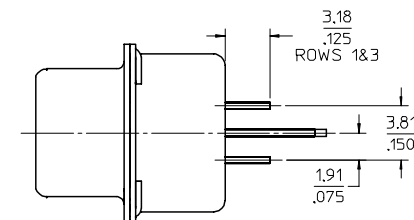
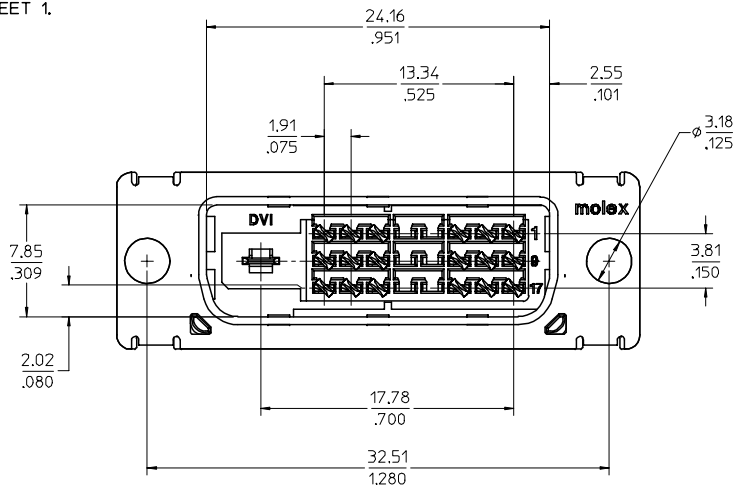
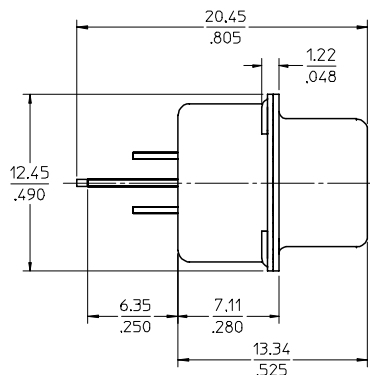
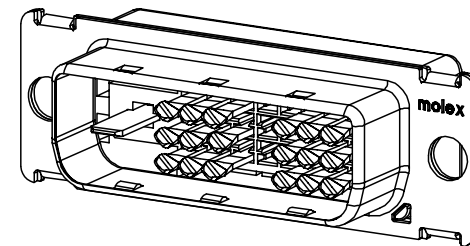
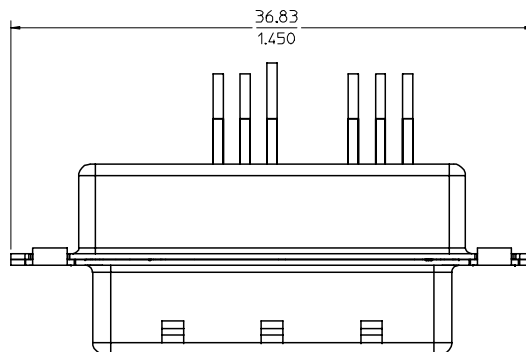
Sales Drawing	SD-74323-006
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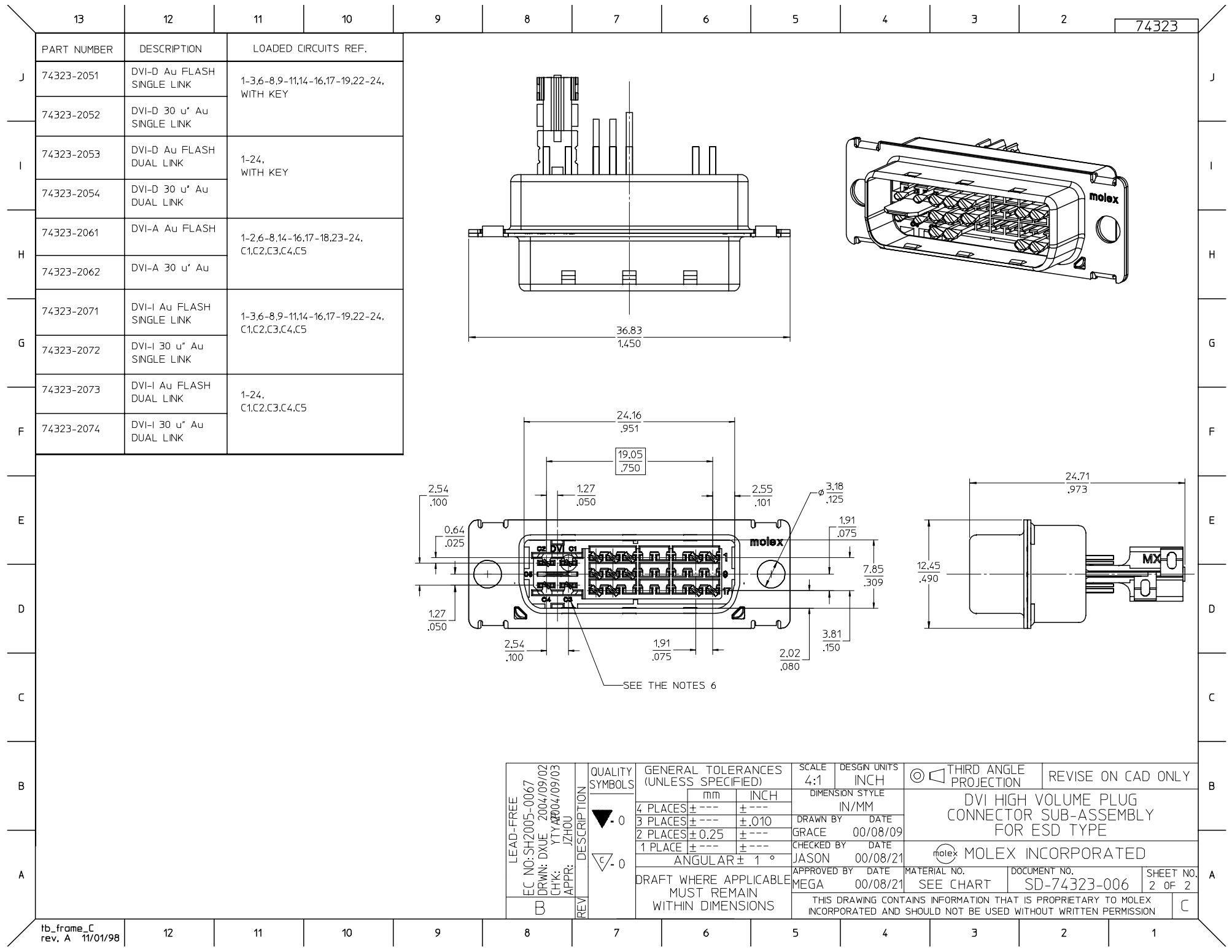
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NOTES:

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 LINK 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 2004/09/02 CHK: YTYA#2004/09/03 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 FOR ESD TYPE					
			4 PLACES	± ---	± ---	DRAWN BY GRACE	DATE 00/08/09						
			3 PLACES	± ---	± .010	CHECKED BY JASON	DATE 00/08/21	MOLEX INCORPORATED					
			2 PLACES	± 0.25	± ---	APPROVED BY DATE	MATERIAL NO.					DOCUMENT NO.	SHEET NO.
			1 PLACE	± ---	± ---	MEGA	SEE CHART					SD-74323-006	1 OF 2
REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							C			



LEAD-FREE EC NO: SH2005-0067 DRWN: DXUE 2004/09/02 CHK: YTYA004/09/03 APPR: JZHOU	REV DESCRIPTION	QUALITY SYMBOLS 0 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION		REVISE ON CAD ONLY				
				mm	INCH	DIMENSION STYLE IN/MM		DVI HIGH VOLUME PLUG CONNECTOR SUB-ASSEMBLY FOR ESD TYPE					
			4 PLACES	± .010	± .010	DRAWN BY DATE GRACE 00/08/09							
			3 PLACES	± .010	± .010	CHECKED BY DATE JASON 00/08/21		MOLEX MOLEX INCORPORATED					
			2 PLACES	± 0.25	± .010	APPROVED BY DATE MEGA 00/08/21						MATERIAL NO. SEE CHART	
			1 PLACE	± .010	± .010	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
			ANGULAR ± 1 °										