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Part Number: 0743232131

Status: Active

Description: MicroCross™ DVI-I Integrated Digital/Analog Single Channel High Volume Plug Connector Sub-assembly, for PCB Mount, Vertical, Gold (Au) Flash, 23 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)	23
Circuits (maximum)	29
Circuits Detail	Circuits 1-3,6-8,9-11,14-16,17-19,22-24; 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

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

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

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)

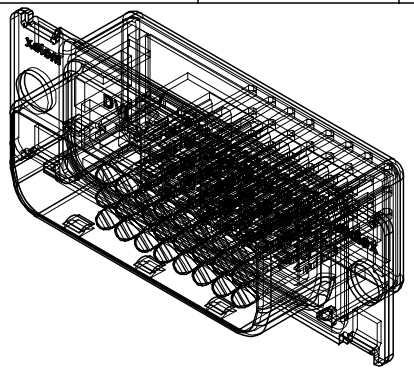
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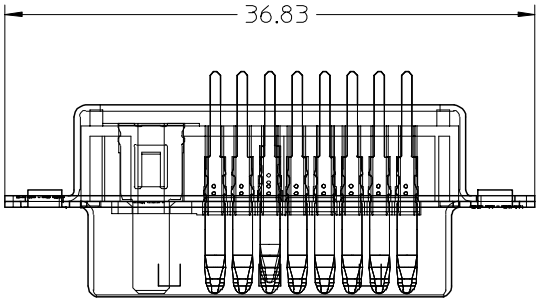
Reference - Drawing Numbers

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

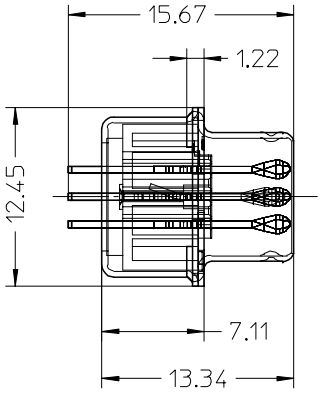
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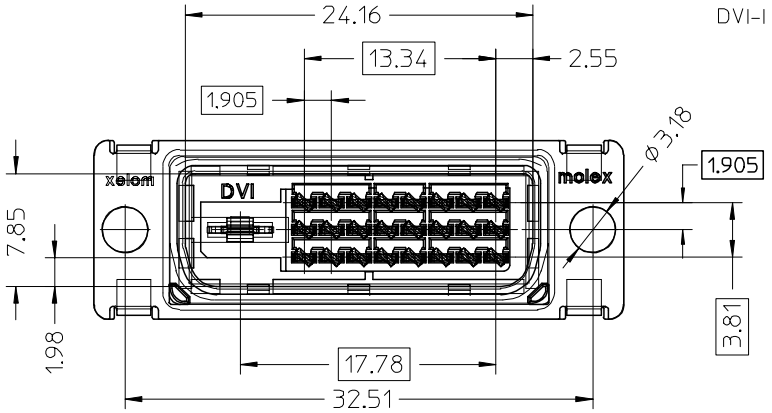
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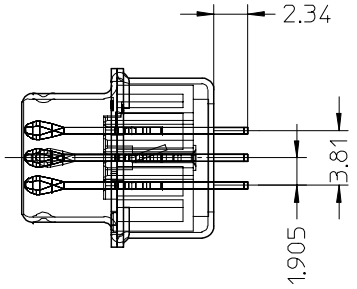




NOTES:
1.MATERIALS: HOUSING: HIGH TEMPERATURE PLASTIC
UL 94V-0, COLOR: BLACK
TERMINAL: COPPER ALLOY
SHIELD: STEEL ALLOY
2.FINISH: TERMINAL: SEE THE CHART FOR GOLD PLATING OVER 1.27 MICROMETER (50u") NICKEL IN CONTACT AREA AND 3.81 MICROMETER (150u") PURE TIN OVER 1.27 MICROMETER (50u") NICKEL AT SOLDERING 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	2004/09/02				
DRWN: DXUE	2004/09/03				
CH'KD:					
APPR: YTYAP	2004/09/09				
DESCRIPTION					
B	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
DATE	00/05/12
CHECKED BY	MLIN
DATE	00/05/12
APPROVED BY	MLIN
DATE	00/05/12

THIRD ANGLE PROJECTION
REVISE ON CAD ONLY

TITLE
HIGH VOLUME DVI PLUG CONNECTOR FOR PCB MOUNT

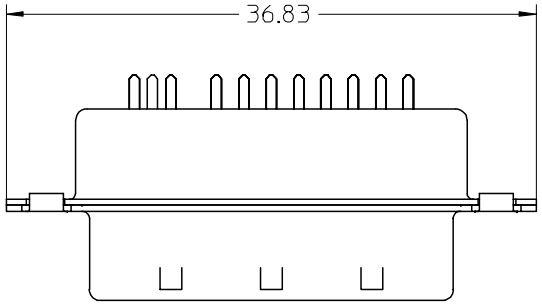
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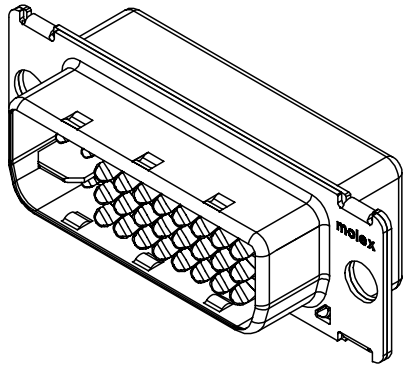
MATERIAL NO.	DOCUMENT NO.	SHEET NO.
SEE TABLE	SD-74323-005	1 OF 3

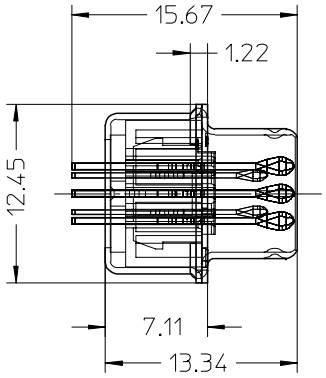
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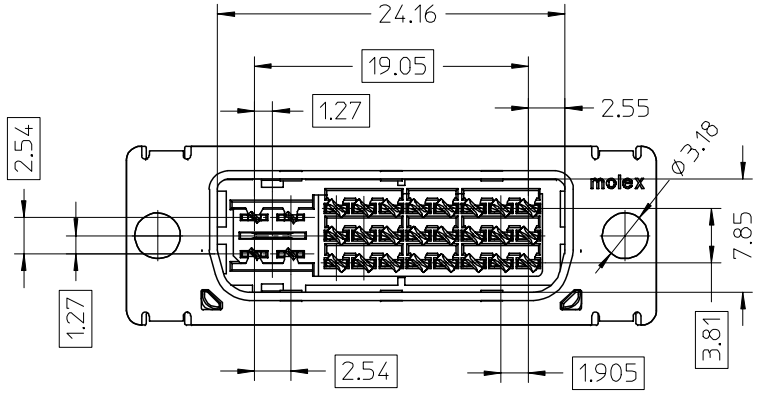
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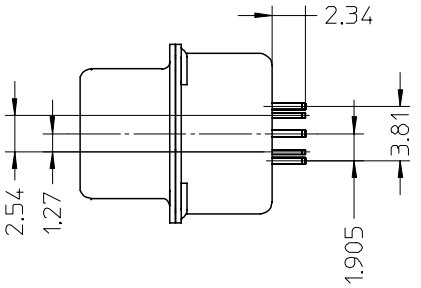
PART NO.	DESCRIPTION	LOAD CIRCUIT REF
74323-2101	DVI-D Au FLASH SINGLE CHANNEL	1-3,6-8,9-11,14-16,17-19,22-24 WITH KEY
74323-2102	DVI-D 30 u" Au SINGLE CHANNEL	1-3,6-8,9-11,14-16,17-19,22-24 WITH KEY
74323-2103	DVI-D Au FLASH DUAL CHANNEL	1-24, WITH KEY
74323-2104	DVI-D 30 u" Au DUAL CHANNEL	1-24, WITH 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











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APPR: YTYAP	2004/09/09		
DESCRIPTION			
B	REV		

QUALITY SYMBOLS

▼ = 0

▽C = 0

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ANGULAR ± .5 °		

DRAFT WHERE APPLICABLE

MUST REMAIN WITHIN DIMENSIONS

SCALE	1:1
DESIGN UNITS	INCH
DIMENSION STYLE	MM ONLY
DRAWN BY	JCHIANG
DATE	00/05/12
CHECKED BY	MLIN
DATE	00/05/12
APPROVED BY	MLIN
DATE	00/05/12

THIRD ANGLE PROJECTION

REVISE ON CAD ONLY

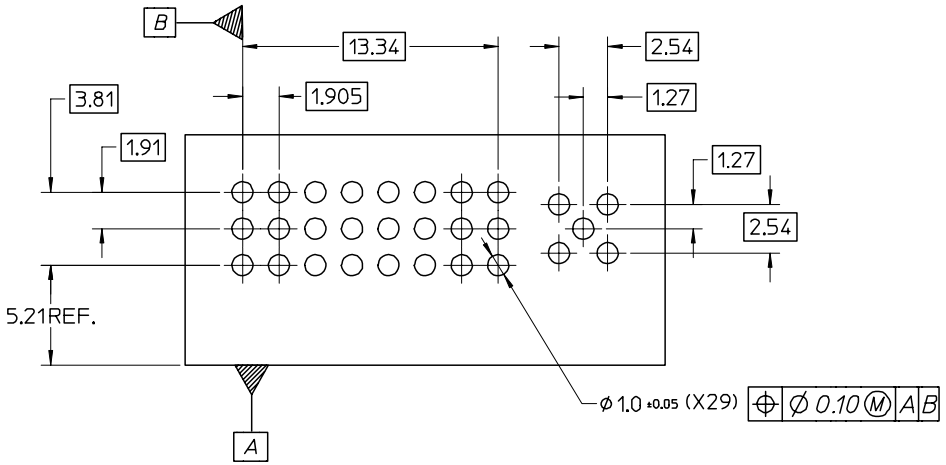
TITLE: HIGH VOLUME DVI PLUG CONNECTOR FOR PCB MOUNT

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MATERIAL NO.	DOCUMENT NO.	SHEET NO.
SEE TABLE	SD-74323-005	2 OF 3

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RECOMMANDED PCB LAYOUT ,PCB THICKNESS :1.60 MM

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DRWN:DXUE	2004/09/03	
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1 PLACE	± 0.25	± ---
ANGULAR ± .5 °		

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MUST REMAIN WITHIN DIMENSIONS

SCALE	4:1
DESIGN UNITS	INCH
DIMENSION STYLE	MM ONLY
DRAWN BY	JCHIANG
DATE	00/05/12
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DATE	00/05/12
APPROVED BY	MLIN
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THIRD ANGLE PROJECTION

REVISE ON CAD ONLY

TITLE

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