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Part Number: [0673513004](#)
Status: **Active**
Description: MicroCross™ DVI-I Digital/Analog Visual Interface, Panel Mount, Through Hole, Vertical, Gold (Au) Flash, Polyester (PBT), Screw Hole, 4-40 Thread, 2.34mm (.092") PC Tail Length, 29 Circuits, Lead Free

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)

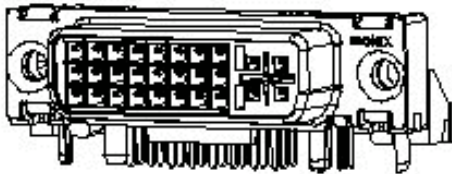
[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	I/O Connectors
Series	67351
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)	29
Circuits (maximum)	29
Color - Resin	Ivory, Natural
Durability (mating cycles max)	100
Gender	Receptacle
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Polyester
Number of Rows	3
Orientation	Vertical
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)	0.050 In, 0.075 In, 0.124 In
Pitch - Mating Interface (mm)	1.27 mm, 1.90 mm, 3.17 mm
Pitch - Term. Interface (in)	0.050 In, 0.075 In, 0.124 In
Pitch - Term. Interface (mm)	1.27 mm, 1.90 mm, 3.17 mm
Plating min: Mating (µin)	2, 30
Plating min: Mating (µm)	0.05, 0.75
Plating min: Termination (µin)	100, 150
Plating min: Termination (µm)	2.5, 3.75
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	1
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-20°C to +85°C
Termination Interface: Style	Through Hole
Waterproof / Dustproof	No
Wire Size AWG	N/A



Series

image - Reference only

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

China RoHS



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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
[67351Series](#)

Mates With
[74323](#) MicroCross™ DVI Plug Components.
[88741](#) MicroCross™ DVI Cable Assemblies

Use With
[71781](#) Panel Mount Hex Screw Kit

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

Packaging Specification	PK-74320-010
Sales Drawing	SD-67351-002

This document was generated on 06/07/2010

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ENG. NO SEE CHART

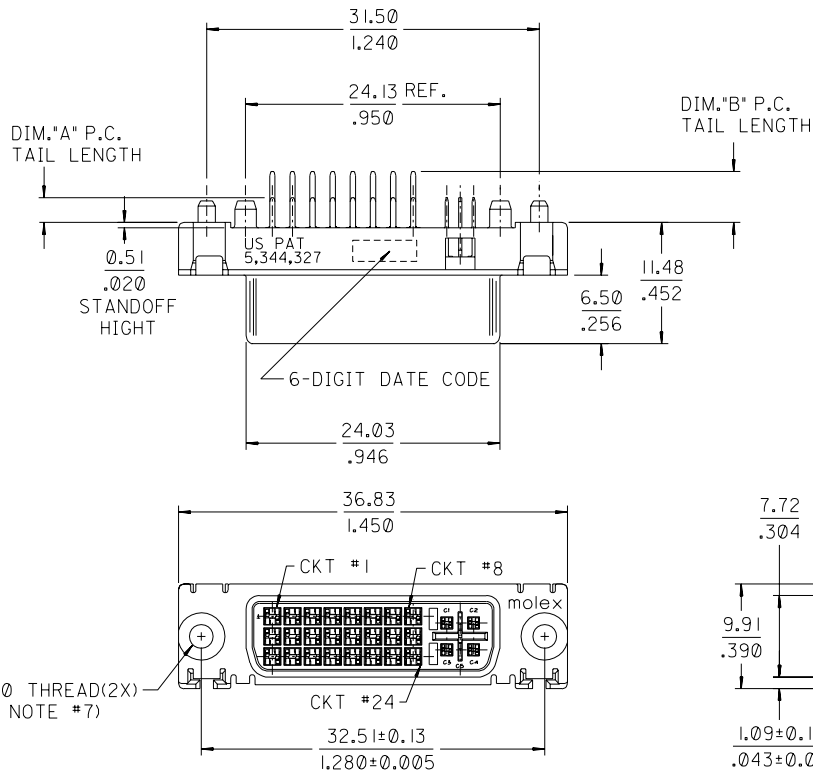
EDP NO.

SIMILAR ITEM

CADFILE NO:SD6735102.S01

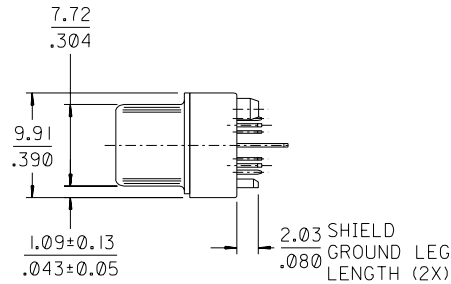
DO NOT SCALE DRAWING

PART NUMBER	DIMn "A" ROW "1,3"	DIMn "B" ROW "2"	PLATING OPTION
67351-3000	2.34/.092	2.34/.092	1
67351-3001	1.27/.050	1.27/.050	1
67351-3002	2.79/.011	2.79/.011	1
67351-3003	3.12/.123	3.12/.123	1
67351-3004	2.34/.092	2.34/.092	2
67351-3005	1.27/.050	1.27/.050	2
67351-3006	2.79/.011	2.79/.011	2
67351-3007	3.12/.123	3.12/.123	2
67351-3008	2.34/.011	4.83/.190	2



NOTES:

- MATERIALS:
SHIELD -- DEEP DRAW STEEL.
HOUSING -- GLASS FILLED POLYMER, NATURAL (IVORY WHITE), UL 94V-0.
CONTACTS -- COPPER ALLOY.
MICROCROSS GROUND -- COPPER ALLOY
- PLATING: SEE SHEET 2.
- PRODUCT CONFORMS TO MOLEX PRODUCT SPECIFICATION NUMBER PS-74320-001.
- SEE SHEET 2 FOR RECOMMENDED PANEL CUT-OUT AND P.C.B. LAYOUT.
- PARTS WILL BE PACKAGED IN TRAYS PER PK-74320-010.
- PRODUCT CONFORMS TO DDWG DVI SPECIFICATION. REFER TO THIS SPECIFICATION FOR CONNECTOR MATING DIMENSIONS.
- RECOMMENDED MOUNTING HARDWARE IS MOLEX P/N 88780-6066 OR 82007-0300 OR 71781-0001. REFER TO PRODUCT SPECIFICATION NUMBER PS-74320-001 FOR THE APPLICATION TORQUE REQUIREMENT FOR ASSEMBLING MOUNTING HARDWARE.



MODIFICATION	QUALITY SYMBOLS	GENERAL TOLERANCES: (UNLESS SPECIFIED)	SCALE 2:1	DESIGN UNITS ☒ mm ☒ INCH	THIRD ANGLE PROJECTION	TITLE: DVI-INTERGRATED VERTICAL RECEPTACLE CONNECTOR	MATERIAL NO. SEE CHART	DRAWING NO. SD-67351-002	SHEET NO. 1 OF 2
EC NO. SH2004-0129	MAJOR ∇ $\neq$ 0 CRITICAL $\triangle$ $\neq$ 0	4 PLACES $\pm$. $\pm$. 3 PLACES $\pm$. $\pm$.010 2 PLACES $\pm$ 0.25 $\pm$.010 1 PLACE $\pm$ 0.25 $\pm$.010				GRACE 00/09/05 SASHIN 00/09/05			
DRWN: TXUE 2004/03/04 CHK: GRMA 2004/03/04 APPR: SAM 2004/03/04		ANGULAR: $\pm$ 3°				APPROVED BY & DATE MLIN 00/09/05			
D	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				CAD FILENAME SD67351002.S01			
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.									
SIZE A3									

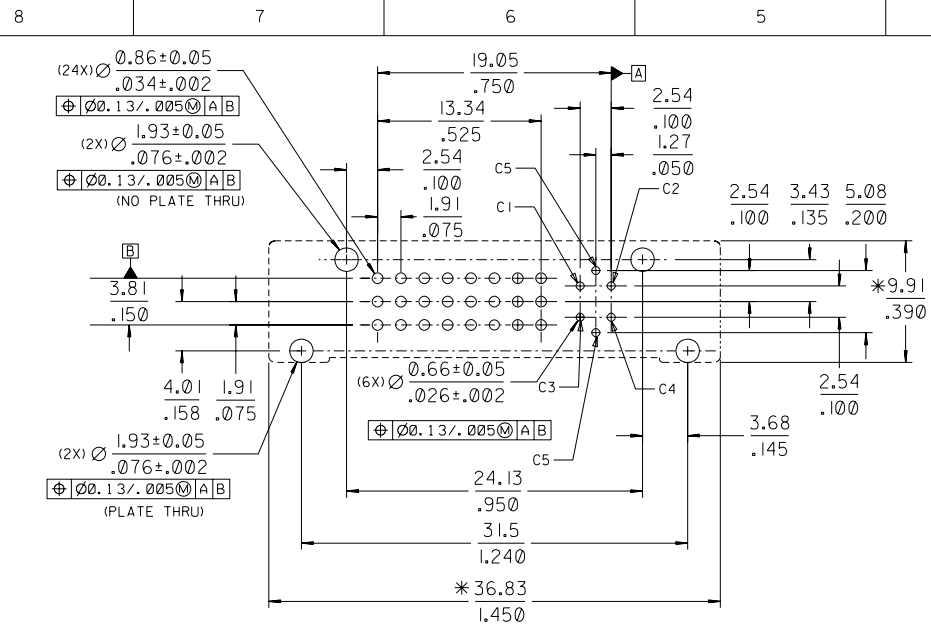
ENG. NO SEE CHART

EDP NO.

SIMILAR ITEM

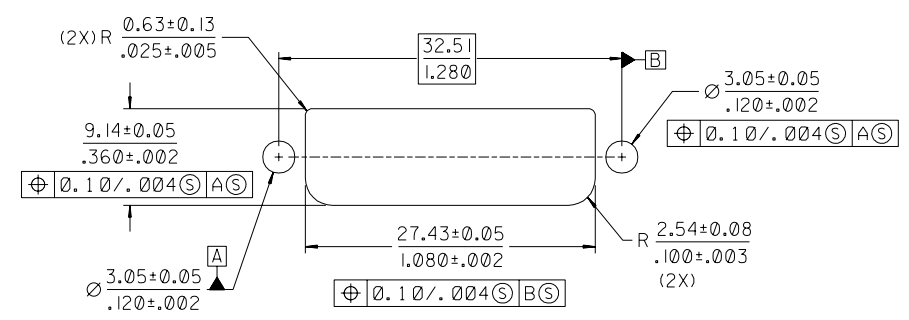
CADFILE NO:SD6735102.S02

DO NOT SCALE DRAWING



RECOMMENDED PCB LAYOUT

*THESE DIMENSIONS REPRESENT CONNECTOR OVERLAY ON PCB.



RECOMMEND PANEL CUT-OUT
PANEL THICKNESS:0.76/.030 - 1.02/.040

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.
- .100"/2.54mm CONTACTS -- 30u"/0.75um MIN. SELECT GOLD AND 100u"/2.50um MIN. SELECT PURE TIN OVER 50u"/1.27um MIN. NICKEL OVERALL.
- MICROCROSS GROUND -- 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.
- .100"/2.54mm CONTACTS -- SELECT GOLD FLASH AND 100u"/2.50um MIN. SELECT PURE TIN OVER 50u"/1.27um MIN. NICKEL OVERALL.
- MICROCROSS GROUND -- 30u"/0.75um MIN. SELECT GOLD AND 100u"/2.50um MIN. SELECT PURE TIN OVER 50u"/1.27um MIN. NICKEL OVERALL.

MODIFICATION		DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		DIMENSIONS:			SHT	REV		
				mm	INCH	2:1	☒ mm ☒ INCH			☒ mm ☐ INCH	☐ mm ☐ INCH	☐ mm ONLY	REVISE ON CAD ONLY			
EC NO. SH2004-0129				MAJOR CRITICAL ∇ = 0 ∇ = 0		DRAWN BY & DATE		TITLE: DVI-INTERGRATED VERTICAL RECEPTACLE CONNECTOR								
DRWN: TXUE 2004/03/04						GRACE 00/09/05										
CHK: GRMA 2004/03/04						CHECKED BY & DATE										
APPR: SAM 2004/03/04						SASHIN 00/09/05										
				2 PLACES		±0.25	±.010	APPROVED BY & DATE		MOLEX INCORPORATED						
				1 PLACE		±0.25	±.010	MLIN 00/09/05								
						ANGULAR: ±3°										
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		CAD FILENAME		MATERIAL NO.		DRAWING NO.		SHEET NO.				
						SD67351002.S02		SEE CHART		SD-67351-002		2 OF 2				
D		REV				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.										
						SIZE A3										



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Электрон
Связь**

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С нами вы становитесь еще успешнее!

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