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Part Number:

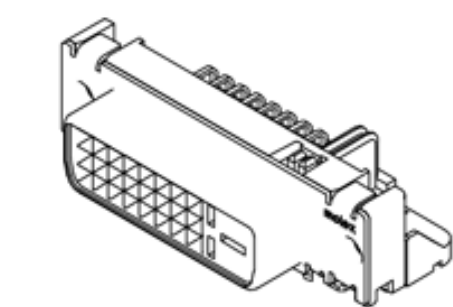
0673519006

Status:

Active

Description:

MicroCross™ DVI-D Digital Interface, Panel Mount, Through Hole, Right Angle, PCB Extended Height Receptacle, Gold (Au) Flash, Polyester (PBT),Screw Hole, 4-40 Thread, with Hex Thumb Screw, ATX with Beveled Metal Pins, 2.79mm (.110") PC Tail Length, 24 Circuits Lead Free



Series

image - Reference only

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)	24
Circuits (maximum)	24
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	Right Angle
PC Tail Length (in)	0.110 In
PC Tail Length (mm)	2.79 mm
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Tray
Panel Mount	Yes
Pitch - Mating Interface (in)	0.075 In
Pitch - Mating Interface (mm)	1.91 mm
Pitch - Term. Interface (in)	0.075 In
Pitch - Term. Interface (mm)	1.91 mm
Plating min: Mating (µin)	2
Plating min: Mating (µm)	0.05
Plating min: Termination (µin)	100
Plating min: Termination (µm)	2.50
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

EU RoHS

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

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
67351Series

Mates With
74323 MicroCross™ DVI Plug Components.
88741 MicroCross™ DVI Cable Assemblies

Use With
71781 Panel Mount Hex Screw Kit

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)
Material Info	
Reference - Drawing Numbers	
Sales Drawing	SD-67351-009

This document was generated on 06/07/2010

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DO NOT SCALE DRAWING

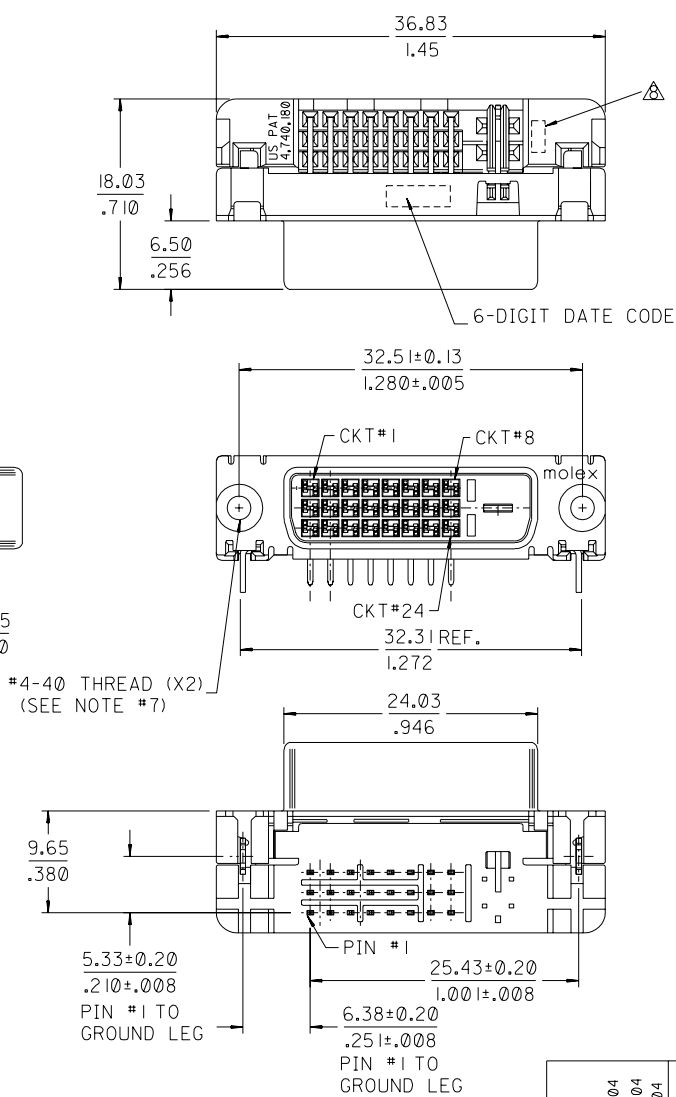
CADFILE NO:SD6735109.S01

SIMILAR ITEM

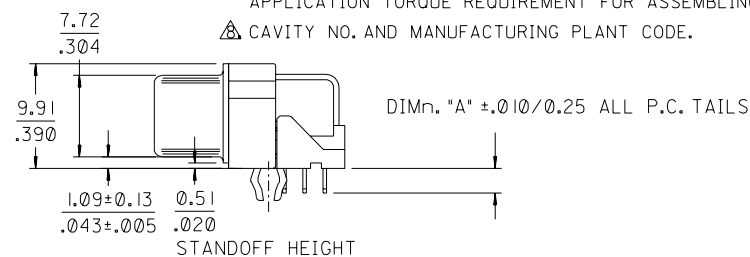
EDP NO.

ENG. NO SEE CHART

PART NUMBER	DIM. "A"	PLATING OPTION
67351-9000	2.34/.092	1
67351-9004	2.34/.092	2
67351-9006	2.79/.110	2



- NOTES:
- MATERIALS:
SHIELD -- DEEP DRAW STEEL.
HOUSING -- GLASS FILLED POLYMER, NATURAL (IVORY WHITE), UL 94v-0.
TAIL ALIGNER -- 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. REFER TO THIS SPECIFICATION FOR SPACING ON A P.C.B. OF TWO OR MORE CONNECTORS WHEN USING A CABLE OR AN ADAPTER ASSEMBLY.
 - 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 71781-0001 OR 82007-0300. REFER TO PRODUCT SPECIFICATION NUMBER PS-74320-001 FOR THE APPLICATION TORQUE REQUIREMENT FOR ASSEMBLING MOUNTING HARDWARE.
- CAVITY NO. AND MANUFACTURING PLANT CODE.



MODIFICATION	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE 2:1	DESIGN UNITS ☒ mm ☐ INCH		THIRD ANGLE PROJECTION	☒ mm ☐ INCH ☐ mm ONLY	REVISE ON CAD ONLY
					DRAWN BY & DATE			TITLE: DVI - DIGITAL RIGHT ANGLE RECEPTACLE CONNECTOR		
					CHECKED BY & DATE					
					APPROVED BY & DATE			MOLEX INCORPORATED		
					CAD FILENAME					
C	REV	MAJOR = 0 CRITICAL = 0	4 PLACES ± . ±.		GRACE 00/09/05					
			3 PLACES ± . ±.010		SASHIN 00/09/05					
			2 PLACES ±0.25 ±.010		MLIN 00/09/05					
		1 PLACE ±0.25 ±.010								
		ANGULAR: ±3°		SD67351009.S01		SEE CHART		SD-67351-009	1 OF 2	
		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.						SIZE A3

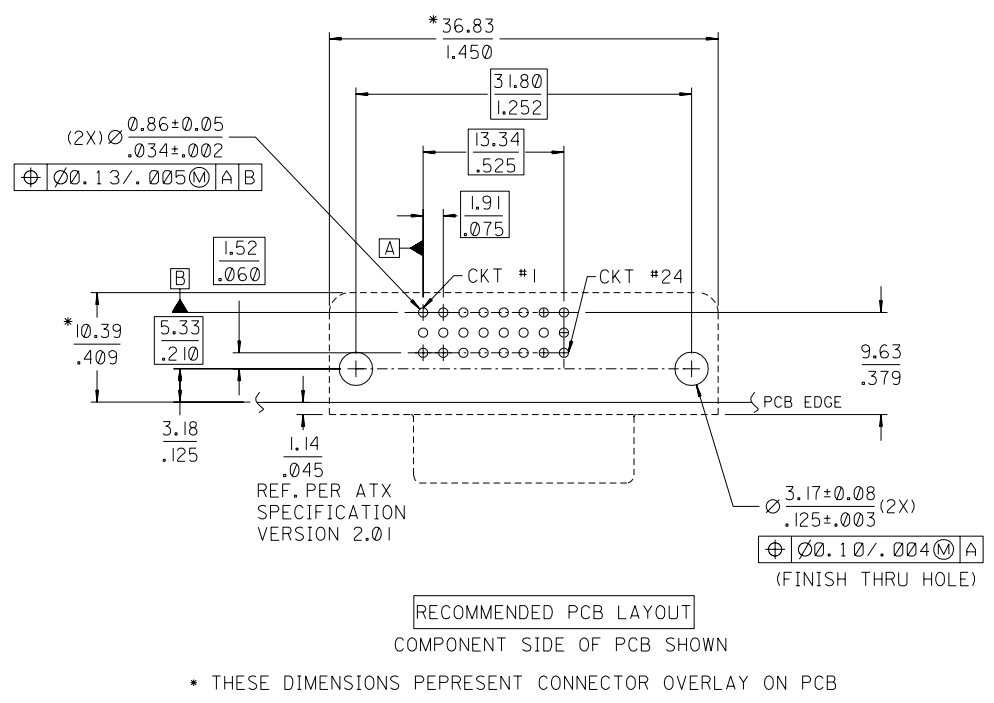
DO NOT SCALE DRAWING

CADFILE NO.:S6735109.S02

SIMILAR ITEM

EDP NO.

ENG. NO SEE CHART



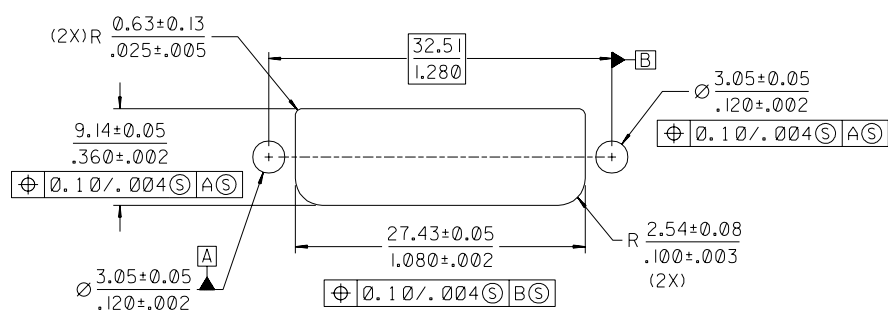
PLATING OPTIONS:

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.

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.



RECOMMEND PANEL CUT-OUT

PANEL THICKNESS: 0.76 ± 0.030 - 1.02 ± 0.040

MODIFICATION		QUALITY SYMBOLS	GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	DIMENSIONS:			SHT	REV
EC NO.	DESCRIPTION		mm	INCH	2:1	mm		mm	INCH	mm	ONLY	REVISION
EC NO. SH2004-0129	DRWN: TXUE 2004/03/04	MAJOR	4 PLACES	$\pm .$	$\pm .$	DRAWN BY & DATE	TITLE: DVI-D/ATX RIGHT ANGLE RECEPTACLE CONNECTOR W/FORKLOCK					
CHK: GRMA 2004/03/04	APPR: SAM 2004/03/04	CRITICAL	3 PLACES	$\pm .$	$\pm .010$	CHECKED BY & DATE						
			2 PLACES	± 0.25	$\pm .010$	APPROVED BY & DATE	MOLEX INCORPORATED					
			1 PLACE	± 0.25	$\pm .010$	MLIN 00/09/05						
			ANGULAR: $\pm 3^\circ$		CAD FILENAME		MATERIAL NO.		DRAWING NO.		SHEET NO.	
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SD6735109.S02		SEE CHART		SD-67351-009		2 OF 2	
											SIZE	
											A3	