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Part Number: [0673511004](#)
Status: **Active**
Description: MicroCross™ DVI-I Digital/Analog Visual Interface, Panel Mount, Through Hole, Right Angle, PCB Extended Height Receptacle, Gold (Au) Flash, Polyester (PBT), Lead Free, Screw Hole, 4-40 Thread, 29 Circuits

Documents:

[3D Model](#) [Product Specification PS-74320-001 \(PDF\)](#)
[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	Beryllium Copper, High Performance Alloy (HPA), Phosphor Bronze, Steel
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Polyester
Number of Rows	3
Orientation	Right Angle
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)	0.075 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)	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

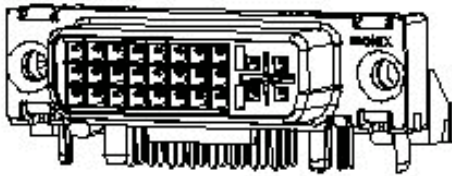


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Series

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

[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	
Packaging Specification	PK-74320-010
Product Specification	PS-74320-001
Sales Drawing	SD-67351-001

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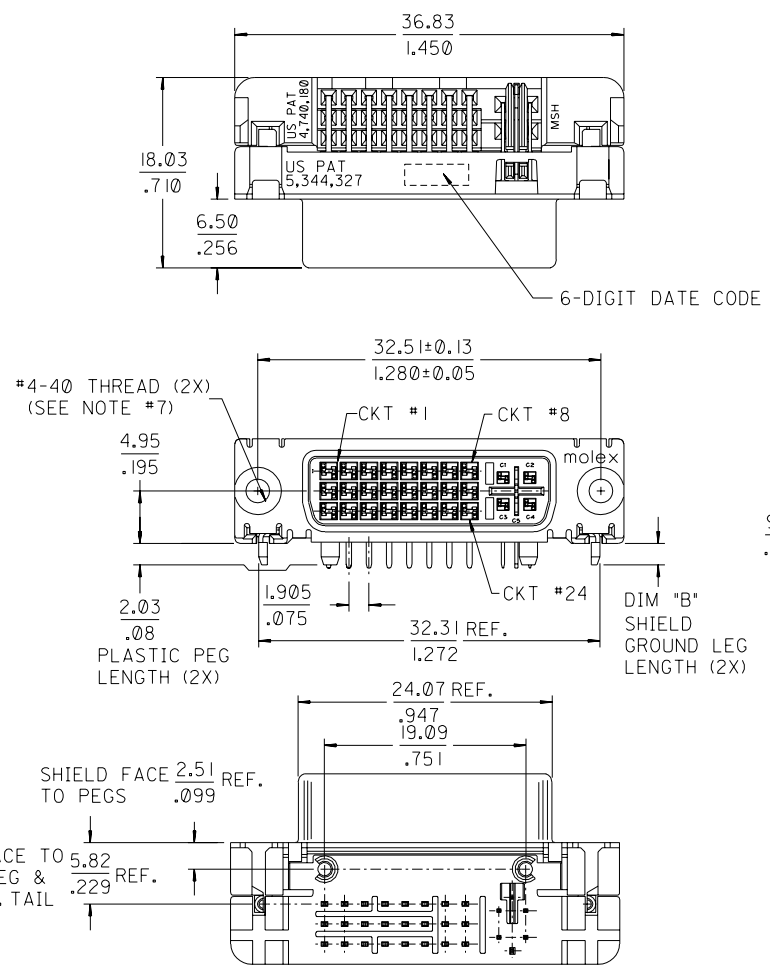
EDP NO.

SIMILAR ITEM

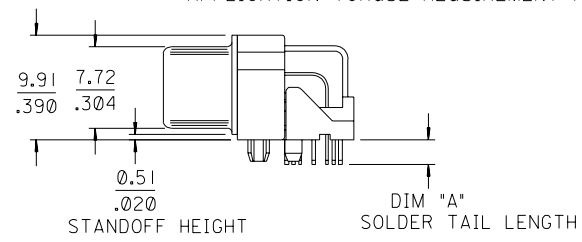
CADFILE NO. S6735101.S01

DO NOT SCALE DRAWING

8 7 6 5 4 3 2 1



- NOTES:
1. 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.
 2. PLATING: SEE SHEET 2
 3. 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.
 4. SEE SHEET 2 FOR RECOMMENDED PANEL CUT-OUT AND P.C.B. LAYOUT.
 5. PARTS WILL BE PACKAGED IN TRAYS PER PK-74320-005.
 6. PRODUCT CONFORMS TO DDWG DVI SPECIFICATION. REFER TO THIS SPECIFICATION FOR CONNECTOR MATING DIMENSIONS.
 7. 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.



PART NUMBER	PLATING OPTION	DIM "A"	DIM "B"
67351-1000	1	2.34/.092	2.03±0.51
67351-1001	1	1.27/.050	.080±.020
67351-1002	1	2.79/.110	2.79/.110
67351-1003	1	3.12/.123	2.79/.110
67351-1004	2	2.34/.092	2.03±0.51
67351-1005	2	1.27/.050	.080±.020
67351-1006	2	2.79/.110	2.79/.110
67351-1007	2	3.12/.123	2.79/.110

MODIFICATION EC NO. SH2004-0129 DRWN: TXUE 2004/03/04 CHK: GRMA 2004/03/04 APPR: SAM 2004/03/04	QUALITY SYMBOLS MAJOR = 0 CRITICAL = 0	GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE 2:1	DESIGN UNITS ☒ mm ☐ INCH	THIRD ANGLE PROJECTION ☒ mm ☐ INCH ☐ mm ONLY	DIMENSIONS: ☒ mm ☐ INCH ☐ mm ONLY	SHT	REV	
		4 PLACES ± .	± .	DRAWN BY & DATE GRACE 00/09/05						TITLE: DVI-INTERGRATED RIGHT ANGLE RECEPTACLE CONNECTOR MOLEX INCORPORATED
		3 PLACES ± .	±.010	CHECKED BY & DATE SASHIN 00/09/05						
		2 PLACES ±0.25	±.010	APPROVED BY & DATE MLIN 00/09/05						
		1 PLACE ±0.25	±.010	ANGULAR: ±3°						
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.								

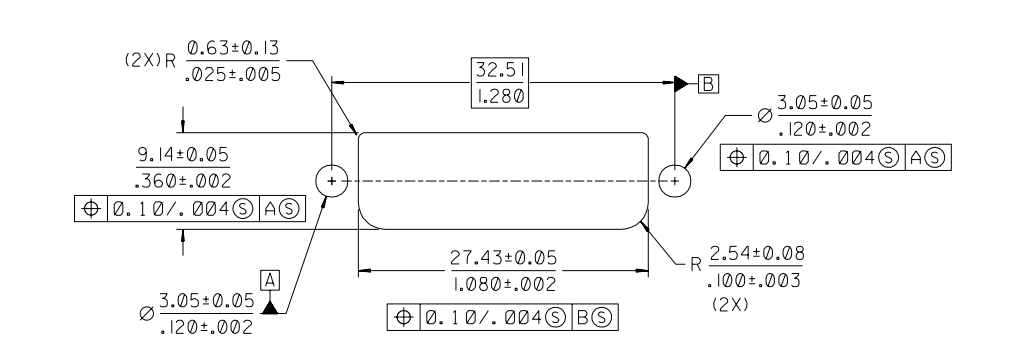
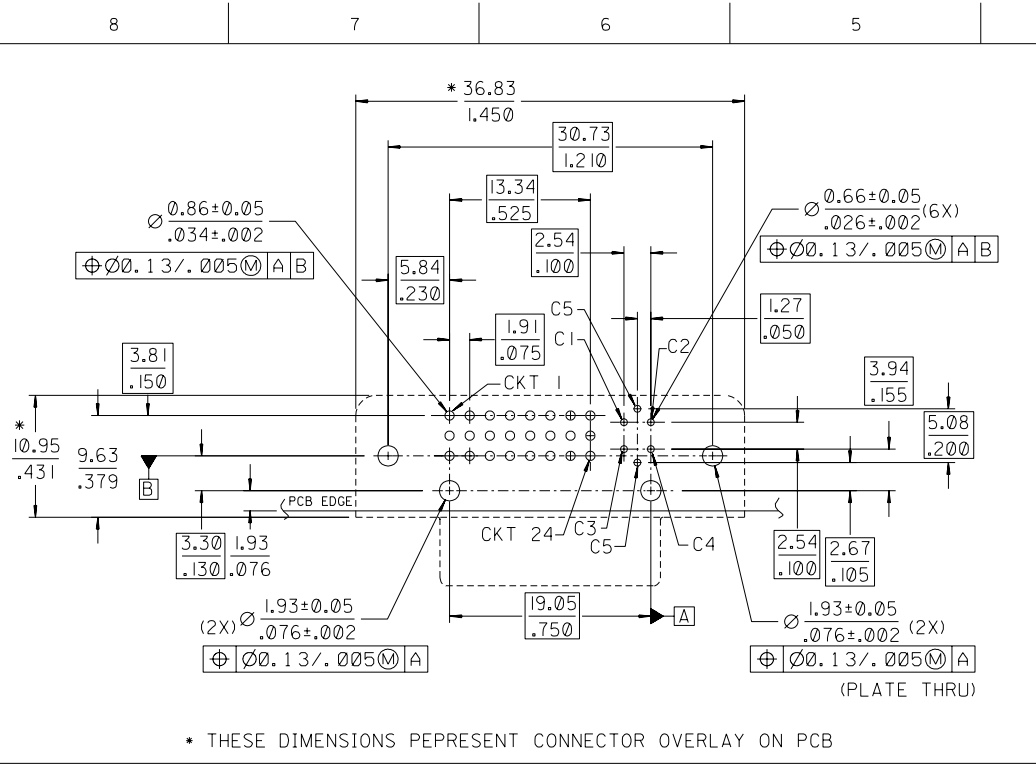
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CADFILE NO.:S6735101.S02

SIMILAR ITEM

EDP NO.

ENG. NO SEE CHART



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	EC NO.S42004-0129	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE 2:1	DESIGN UNITS ☒ mm ☐ INCH		THIRD ANGLE PROJECTION	☒ mm ☐ INCH ☐ mm ONLY	SHT	REV
										REVISE ON CAD ONLY		
	MAJOR  = 0					DRAWN BY & DATE GRACE 00/09/05		TITLE: DVI-INTERGRATED RIGHT ANGLE RECEPTACLE CONNECTOR				
	CRITICAL  = 0					CHECKED BY & DATE SASHIN 00/09/05						
						APPROVED BY & DATE MLIN 00/09/05		 MOLEX INCORPORATED				
REV	F			ANGULAR: ±3°		CAD FILENAME S6735101.S02	MATERIAL NO. SEE CHART	DRAWING NO. SD-67351-001	SHEET NO. 2 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	