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Part Number:

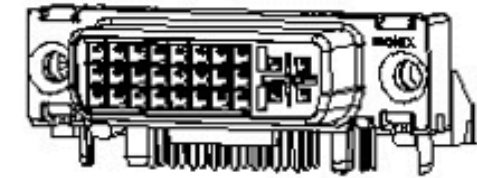
0673511014

Status:

Active

Description:

MicroCross™ DVI-I Digital/Analog Visual Interface, Panel Mount, Through Hole, Right Angle Receptacle, Gold (Au) Flash, Polyester (PBT), 2.34mm (.092") PC Tail Length, 29 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)	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	Right Angle
PC Tail Length (in)	0.092 In
PC Tail Length (mm)	2.34 mm
PCB Locator	No
PCB Retention	Yes
Packaging Type	Tray
Panel Mount	Yes
Pitch - Mating Interface (in)	0.050 In, 0.075 In
Pitch - Mating Interface (mm)	1.27 mm, 1.90 mm
Pitch - Term. Interface (in)	0.050 In, 0.075 In
Pitch - Term. Interface (mm)	1.27 mm, 1.90 mm
Plating min: Mating (µin)	2, 30
Plating min: Mating (µm)	0.05, 0.75
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
Wire Size AWG	N/A

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

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-67351-030

This document was generated on 06/07/2010

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ENG. NO SEE CHART

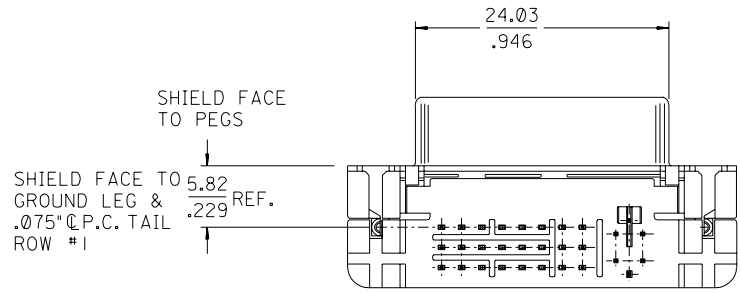
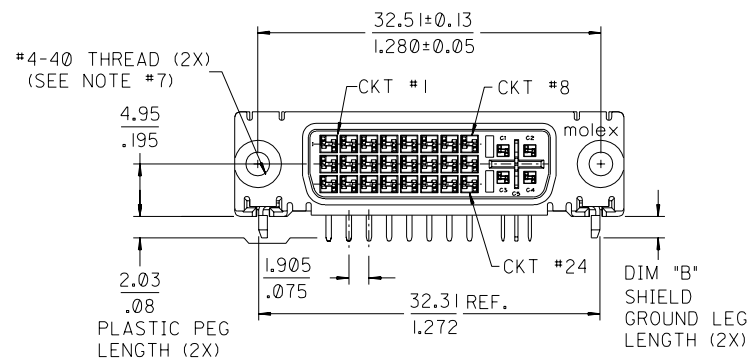
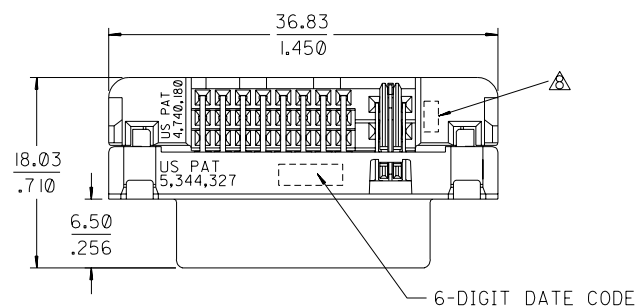
EDP NO.

SIMILAR ITEM

CADFILE NO. S6735101.S01

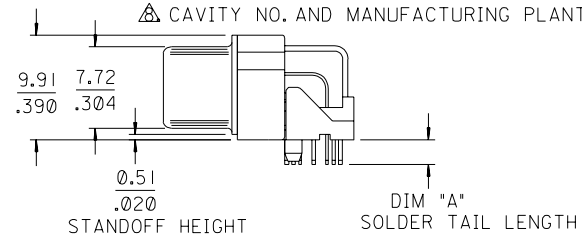
DO NOT SCALE DRAWING

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-74320-010.
 6. PRODUCT CONFORMS TO DDWG DVI SPECIFICATION. REFER TO THIS SPECIFICATION FOR CONNECTOR MATING DIMENSIONS.
 7. RECOMMENDED MOUNTING HARDWARE IS MOLEX P/N 71781-0001 OR 82007-0300 OR 88781-6066. REFER TO PRODUCT SPECIFICATION NUMBER PS-74320-001 FOR THE APPLICATION TORQUE REQUIREMENT FOR ASSEMBLING MOUNTING HARDWARE.
- △ CAVITY NO. AND MANUFACTURING PLANT CODE.



PART NUMBER				DIM "A"				DIM "B"				PACKING			
67351-1014				2.34/.092				2.03±0.51 .080±.020				PK-74320-010			

MODIFICATION		QUALITY SYMBOLS		GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		DIMENSIONS:		SHT	REV
EC NO. SH2004-0129		MAJOR		mm		2:1	mm	mm		mm	INCH		
DRWN: TXUE 2004/03/05		CRITICAL		INCH			INCH	mm		mm	ONLY		
CHK: GRMA 2004/03/05				4 PLACES ± .		DRAWN BY & DATE		TITLE: DVI-INTERGRATED		SHT		REV	
APPR: SAM 2004/03/05				3 PLACES ± .		CHECKED BY & DATE		RIGHT ANGLE					
				2 PLACES ±0.25		APPROVED BY & DATE		RECEPTACLE CONNECTOR					
				1 PLACE ±0.25		MLIN 01/01/18		MOLEX INCORPORATED					
				ANGULAR: ±3°		CAD FILENAME		MATERIAL NO.		DRAWING NO.		SHEET NO.	
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SD67351030.S01		SEE CHART		SD-67351-030		1 OF 2	
												SIZE	
												A3	

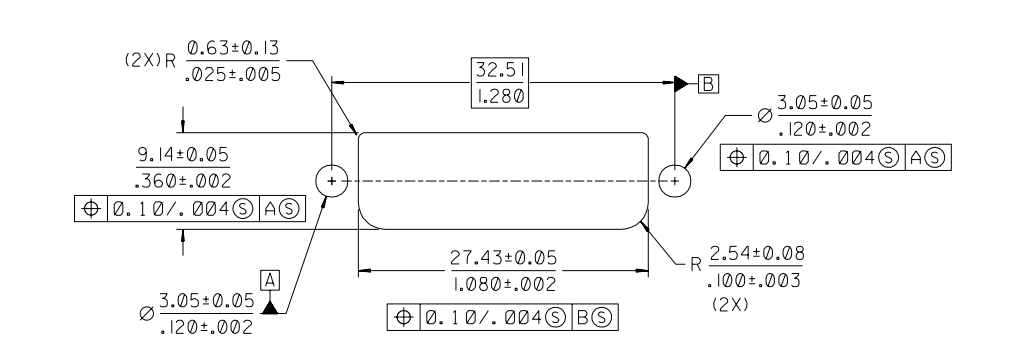
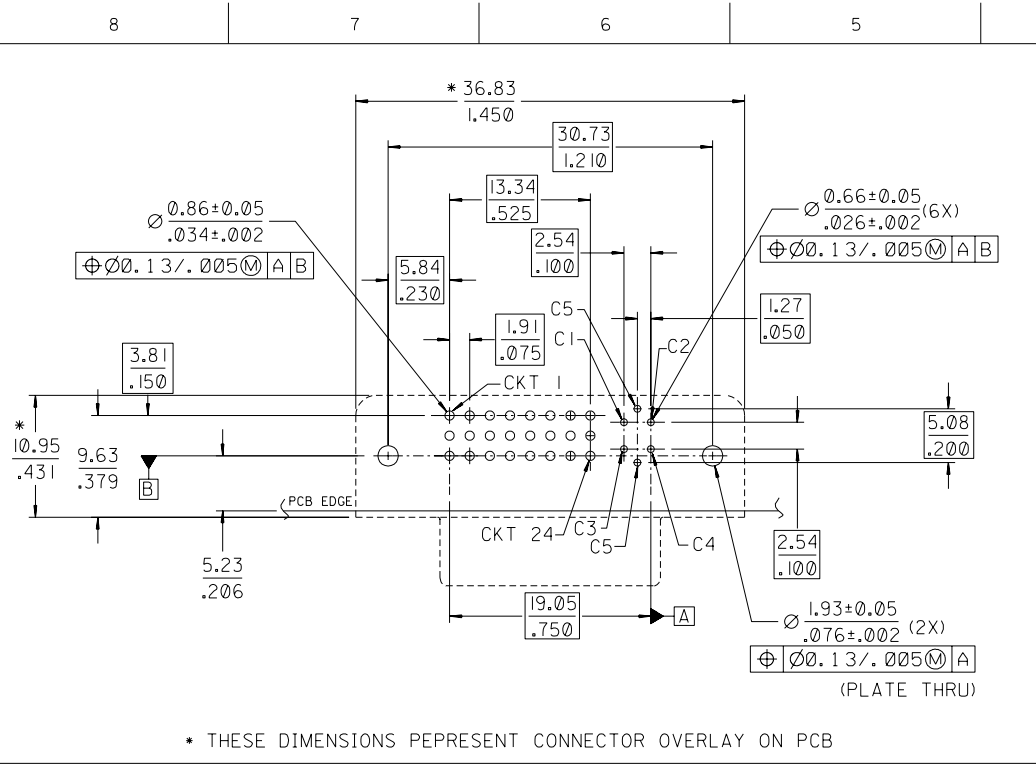
DO NOT SCALE DRAWING

CADFILE NO.:s673510.s02

SIMILAR ITEM

EDP NO.

ENG. NO SEE CHART



RECOMMEND PANEL CUT-OUT

PANEL THICKNESS:0.76/0.30 - 1.02/0.40

PLATING :

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) 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		QUALITY SYMBOLS MAJOR CRITICAL	GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE 2:1	DESIGN UNITS ☒ mm ☐ INCH	 THIRD ANGLE PROJECTION	☒ mm ☐ INCH ☐ mm ONLY	SHT	REV	
EC NO.	DESCRIPTION		mm	INCH	DRAWN BY & DATE SITNAG 01/01/18	TITLE: DVI-INTERGRATED RIGHT ANGLE RECEPTACLE CONNECTOR				REVISE ON CAD ONLY	
SH2004-0129	DRWNTXUE 2004/03/05		4 PLACES	± .	±.	CHECKED BY & DATE SASHIN 01/01/18	MOLEX INCORPORATED				
CHK:GRMA 2004/03/05	APPR:SAM 2004/03/05		3 PLACES	± .	±.010						
			2 PLACES	±0.25	±.010						
		1 PLACE	±0.25	±.010	APPROVED BY & DATE MLIN 01/01/18	MATERIAL NO. SEE CHART				DRAWING NO. SD-67351-030	SHEET NO. 2 OF 2
		ANGULAR: ±3°		CAD FILENAME SD67351030.S02							
C	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.					SIZE A3