

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

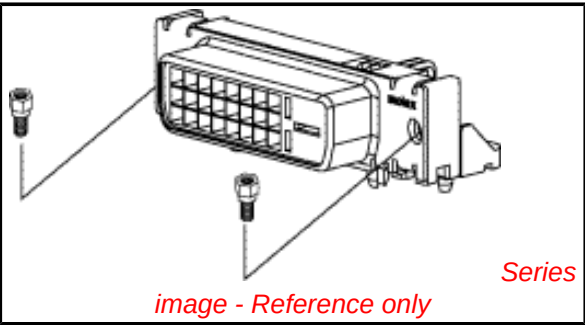
0673519054

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), Screw Hole, 4-40 Thread, with Hex Thumb Screw, 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	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)	0.050 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
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

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
Sales Drawing	SD-67351-033

This document was generated on 06/07/2010

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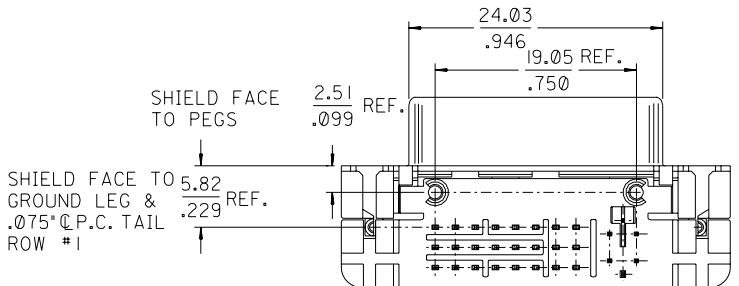
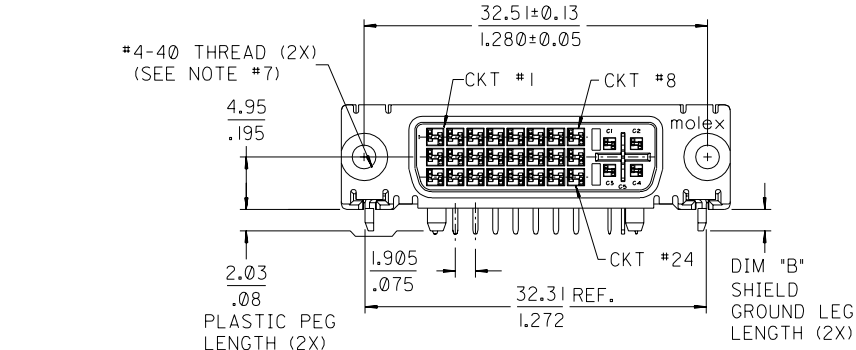
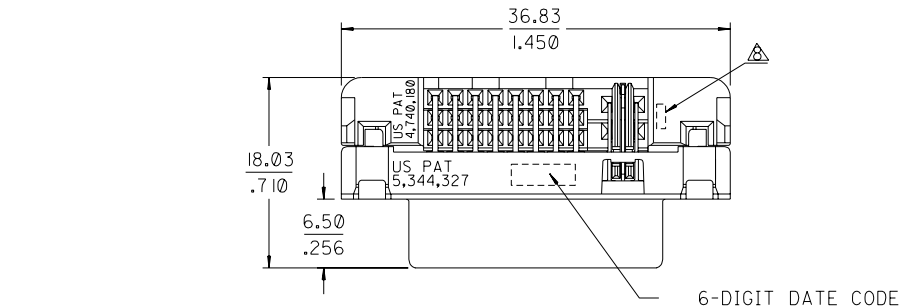
ENG. NO SEE CHART

EDP NO.

SIMILAR ITEM

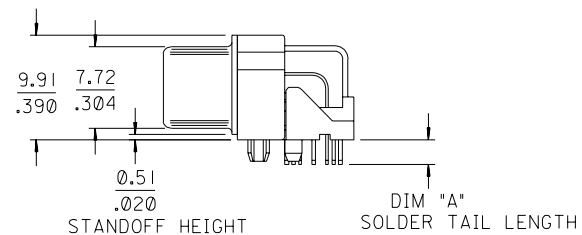
CADFILE NO. S6735133.S01

DO NOT SCALE DRAWING



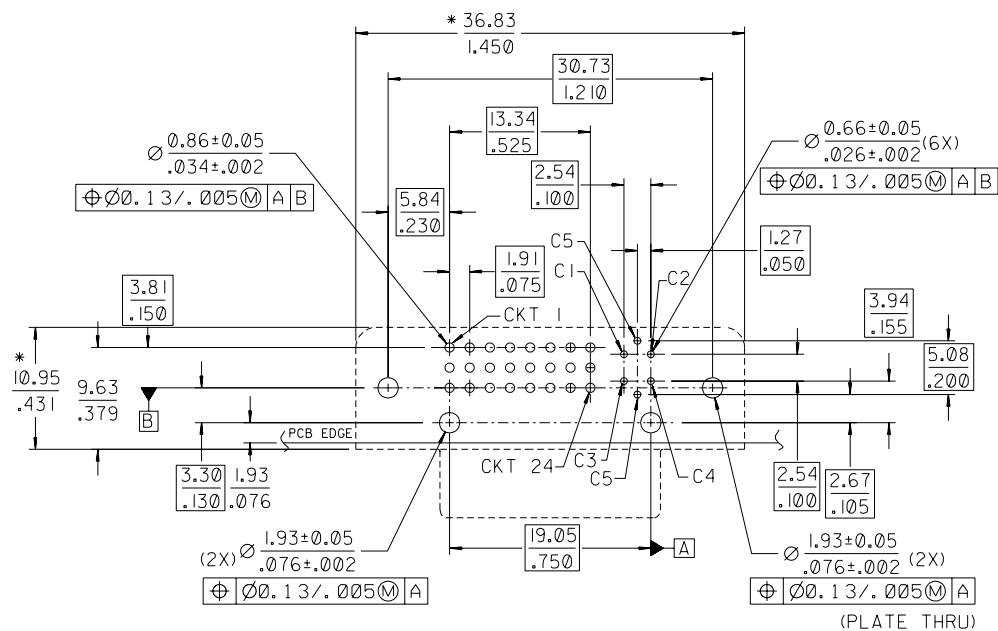
NOTES:

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-74320-009.
 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.
- △ CAVITY NO. AND MANUFACTURING PLANT CODE.

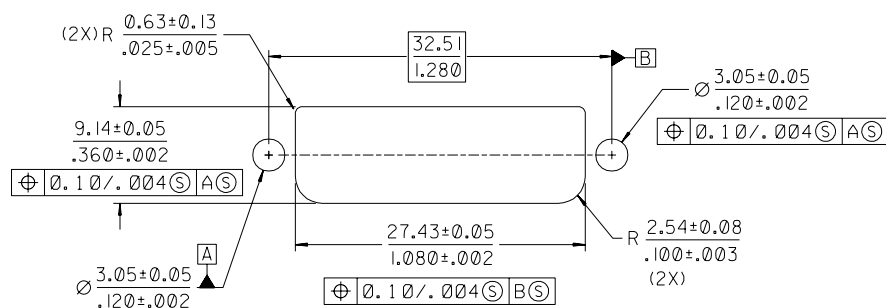


PART NUMBER	CONNECTOR				HEX THUMB SCREW
	PART NUMBER	PLATING OPTION	DIM "A"	DIM "B"	
67351-9050	67351-1000	1	2.34/.092	2.03±0.51	88780-6066
67351-9051	67351-1001	1	1.27/.050	.080±.020	
67351-9052	67351-1002	1	2.79/.110	2.79/.110	
67351-9053	67351-1003	1	3.12/.123		
67351-9054	67351-1004	2	2.34/.092	2.03±0.51	
67351-9055	67351-1005	2	1.27/.050	.080±.020	
67351-9056	67351-1006	2	2.79/.110	2.79/.110	
67351-9057	67351-1007	2	3.12/.123		

MODIFICATION EC NO. SH2004-0129 DRWN: TXUE 2004/03/05 CHK: GRMA 2004/03/05 APPR: SAM 2004/03/05	QUALITY SYMBOLS MAJOR = 0 CRITICAL = 0	GENERAL TOLERANCES: (UNLESS SPECIFIED) mm INCH 4 PLACES ± . ±. 3 PLACES ± . ±.010 2 PLACES ±0.25 ±.010 1 PLACE ±0.25 ±.010 ANGULAR: ±3°	SCALE 2:1 DESIGN UNITS mm INCH	THIRD ANGLE PROJECTION	DIMENSIONS: mm INCH mm ONLY		SHT	REV
					REVISE ON CAD ONLY			
					TITLE: DVI-I R/A REC. CONNECTOR ADD HEX THUMBSCREW			
					MOLEX INCORPORATED			
					CAD FILENAME SD67351033.S01	MATERIAL NO. SEE CHART	DRAWING NO. SD-67351-033	SHEET NO. 1 OF 2
H		REV		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.				SIZE A3



* THESE DIMENSIONS REPRESENT CONNECTOR OVERLAY ON PCB



RECOMMEND PANEL CUT-OUT

PANEL THICKNESS:0.76/.030 - 1.02/.040

PLATING OPTIONS:

PLATING OPTION #1:

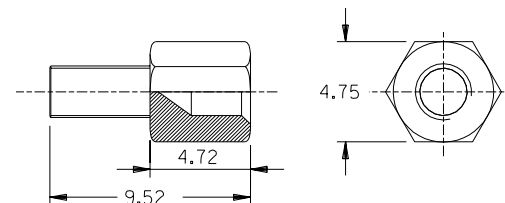
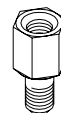
OUTER SHIELD -- 150u"/(3.75um) MIN. BRIGHT TIN OVER
50u"/(1.27um) MIN. NICKEL OVER COPPER FLASH.
.075"/(1.91mm) CONTACTS -- 30u"/(0.75um) MIN. SELECT GOLD AND
100u"/(2.50um) MIN. SELECT PURE TIN
OVER 50u"/(1.27um) MIN. NICKEL OVERALL.
.100"/(2.54mm) CONTACTS -- 30u"/(0.75um) MIN. SELECT GOLD AND
100u"/(2.50um) 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:

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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.

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ITEM	INTERNAL THREAD	EXTERNAL THREAD	FINISH	MATERIAL	DIMENSIONS:		SHT	REV
88780-6066	#4-40 UNC-2B	#4-40 UNC-2A	NICKEL	FREE CUT BRASS	☒ mm INCH	☐ INCH mm ONLY		
GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE 2:1	DESIGN UNITS ☒ mm ☒ INCH	 THIRD ANGLE PROJECTION	REVISE ON CAD ONLY			
	mm	INCH	TITLE:					
4 PLACES	± .	±.	DVI - I R/A REC. CONNECTOR					
3 PLACES	± .	±.010	ADD HEX THUMBSCREW					
2 PLACES	±0.25	±.010						
1 PLACE	±0.25	±.010						
ANGULAR: ±3°		CAD FILENAME	MATERIAL NO.	DRAWING NO.	SHEET NO.			
		S6735133.S02	SEE CHART	SD-67351-033	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