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Part Number:

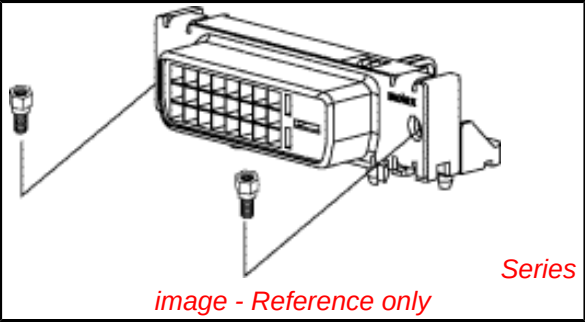
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Status:

Active

Description:

MicroCross™ DVI-D Digital Visual Interface, PCB Receptacle, Panel Mount, Polyester (PCT), Through Hole, 2.34mm(.092") PC Tail Length, Right Angle, 0.76µm (30µ) Gold (Au), Lead Free, Screw Hole, 24 Circuits



Documents:	
Drawing (PDF)	Product Specification PS-74320-001 (PDF)
Test Summary (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification	
UL	E29179
General	
Product Family	I/O Connectors
Series	74320
Application	Wire-to-Board
Comments	DDWG (Digital Display Working Group) Standard
Component Type	Receptacle
MolexKits	Yes
Product Name	MicroCross™DVI
Type	N/A
Physical	
Boot Color	N/A
Circuits (Loaded)	24
Circuits (maximum)	24
Color - Resin	Natural
Durability (mating cycles max)	100
Flammability	94V-0
Gender	Receptacle
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
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
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)	30
Plating min: Mating (µm)	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

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

74320Series

Mates With

88744 , 74323

Use With

71781 Panel Mount Hex Screw Kit

Temperature Range - Operating	-20°C to +85°C
Termination Interface: Style	Through Hole
Waterproof / Dustproof	No
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)

Solder Process Data

Duration at Max. Process Temperature (seconds)	10
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-74320-010
Product Specification	PS-74320-001
Sales Drawing	SD-74320-003
Test Summary	TS-74320-001

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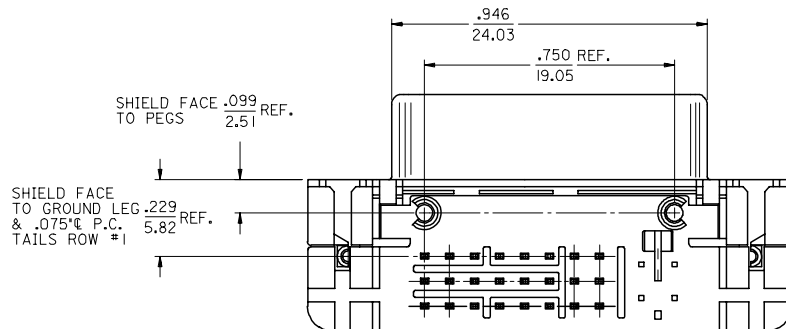
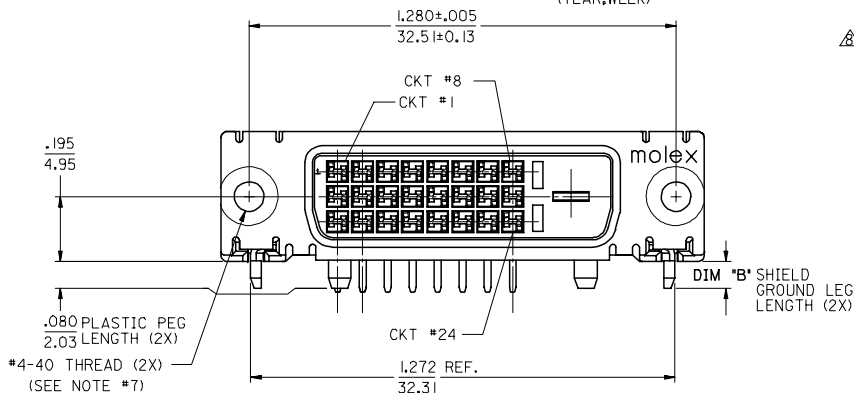
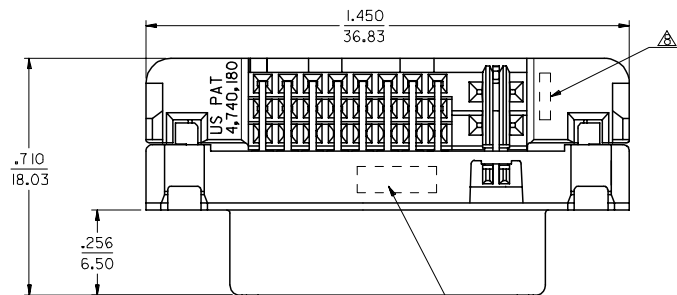
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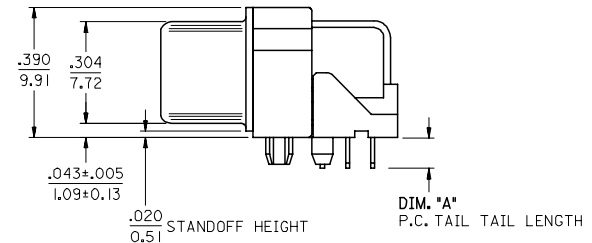
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A



NOTES:

1. MATERIALS:
SHIELD -- DEEP DRAW STEEL.
HOUSING -- GLASS FILLED POLYMER, NATURAL (WHITE), UL 94V-0.
TAIL ALIGNER -- GLASS FILLED POLYMER, NATURAL (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 88780-6066 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.



PART NUMBER	PLATING OPTION	DIM "A"	DIM "B"
74320-4000	1	.092/2.34	.080±.020
74320-4001	1	.050/1.27	2.03±0.51
74320-4003	1	.123/3.12	.110/2.79
74320-4004	2	.092/2.34	.080±.020
74320-4005	2	.050/1.27	2.03±0.51
74320-4016	2	.110/2.79	.110/2.79
74320-4007	2	.123/3.12	.110/2.79

REV	DESCRIPTION	DATE	BY	APP
REVISE	EC NO: SH2007-0732	2007/06/04	DRWN: JSONG	2007/06/05
	CHKD: JTIAN	2007/06/05	APPR: INCHEW	2007/06/22

QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± .005	± .001
3 PLACES	± .005	± .001
2 PLACES	± .005	± .001
1 PLACE	± .005	± .001

ANGULAR ±1/2°
DRAFT WHERE APPLICABLE
MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE

IN/MM	DATE
DRAWN BY	MOSULL IV
CHECKED BY	MOSULL IV
APPROVED BY	NELLIGAN

MATERIAL NO.
SEE CHART

SCALE

2:1	DATE
1999/02/12	DATE

DOCUMENT NO.

DESIGN UNITS

INCH	DATE
1999/02/12	DATE

SD-74320-003

THIRD ANGLE PROJECTION

DVI-DIGITAL RIGHT ANGLE RECEPTACLE CONNECTOR	DATE
1999/02/12	DATE

SHEET NO. 1 OF 2

9 8 7 6 5 4 3 2 1

