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Part Number:

0743206001

Status:

Active

Description:

MicroCross™ DVI-A Analog Visual Interface, PCB Receptacle, Panel Mount, Through Hole, Vertical, Gold (Au) Flash, 2.79mm (.110") P.C. Tail Length, 20 Circuits, Lead Free

Documents:	
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-74320-001 (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
Product Name	MicroCross™DVI
Type	N/A
Physical	
Boot Color	N/A
Circuits (Loaded)	20
Circuits (maximum)	20
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	Vertical
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

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

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)

Material Info

Reference - Drawing Numbers

Product Specification	PS-74320-001
Sales Drawing	SD-74320-014

This document was generated on 04/05/2010

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NOTES:

1. MATERIALS: SHIELD -- DEEP DRAW STEEL.
HOUSING -- GLASS FILLED POLYMER, NATURAL (WHITE), UL 94v-0.
CONTACTS -- COPPER ALLOY.
MICROCROSS GROUND -- COPPER ALLOY.

2. 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.

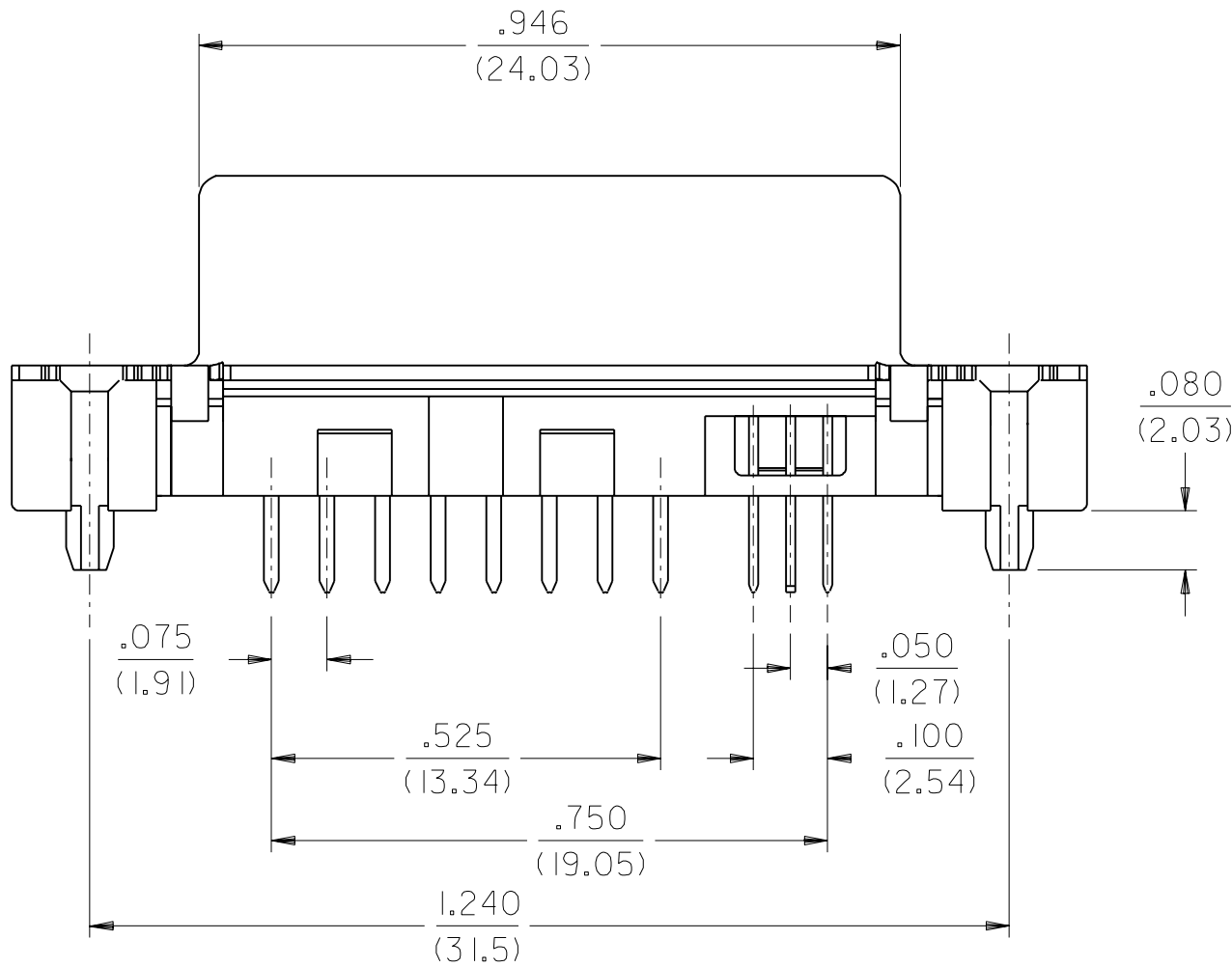
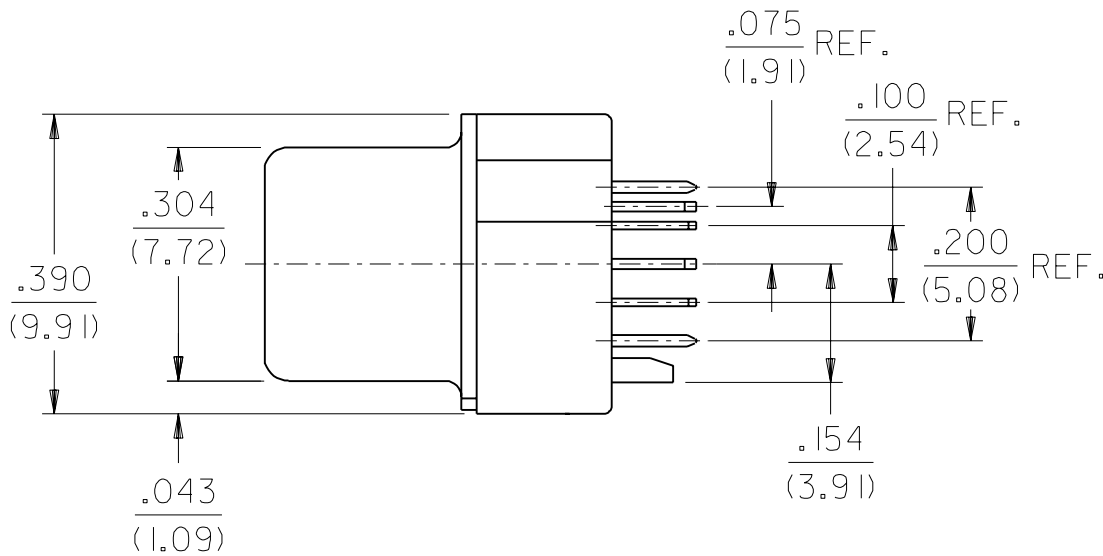
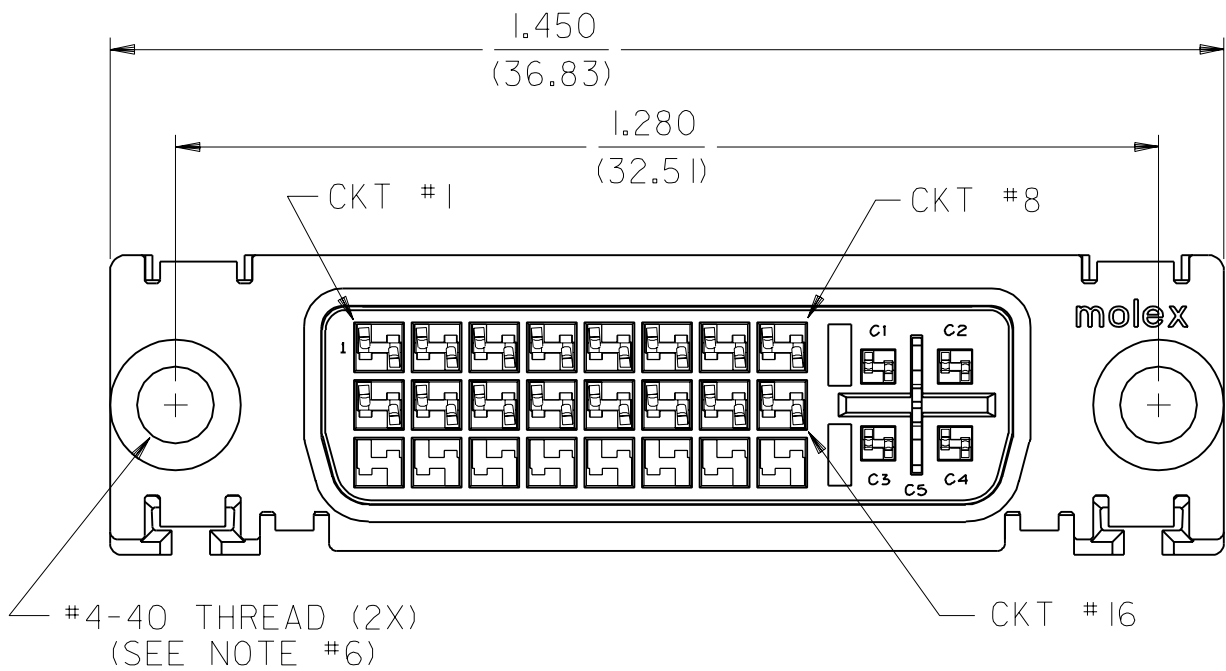
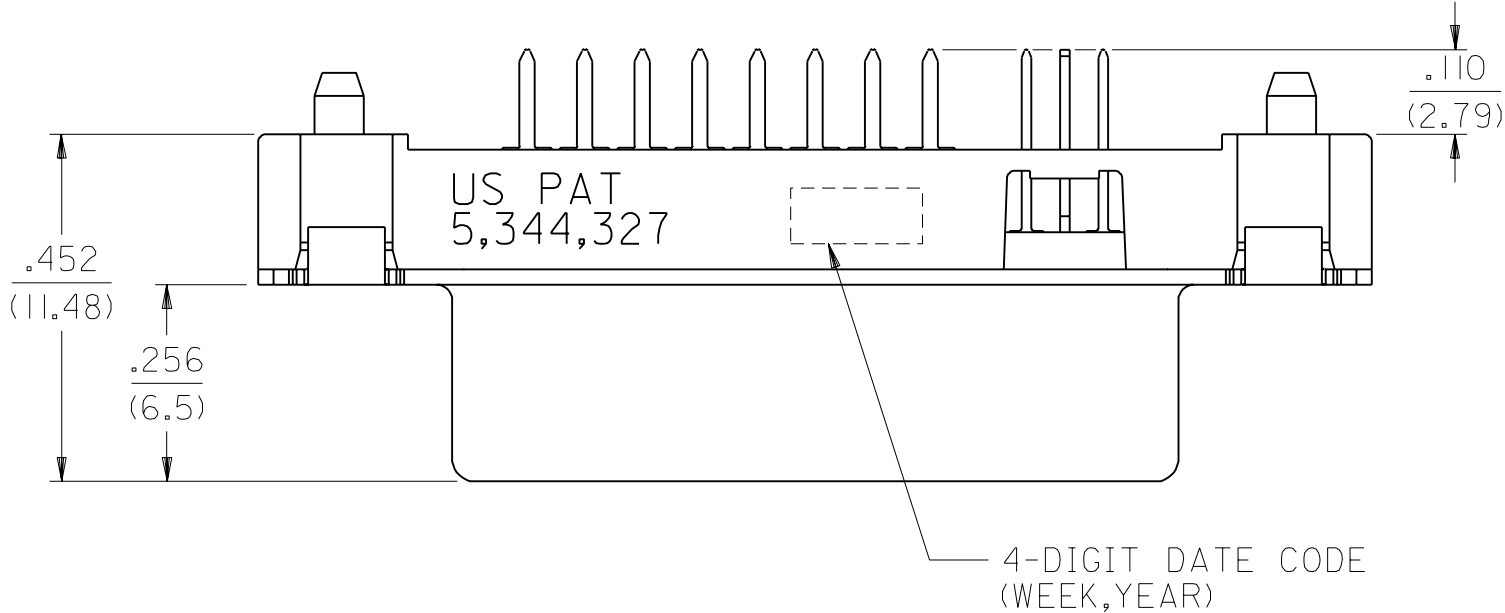
MICROCROSS GROUND -- 30u"/(0.75um) MIN. SELECT GOLD AND
100u"/(2.50um) SELECT PURE TIN
OVER 50u"/(1.27um) MIN. NICKEL OVERALL.

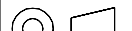
3. PRODUCT CONFORMS TO MOLEX PRODUCT SPECIFICATION NUMBER PS-74320-001.

4. PARTS WILL BE PACKAGED IN TRAYS PER PK-74320-010.

5. PRODUCT CONFORMS TO DDWG DVI SPECIFICATION. REFER TO THIS SPECIFICATION
FOR CONNECTOR MATING DIMENSIONS.

6. REFER TO PRODUCT SPECIFICATION NUMBER PS-74320-001 FOR THE APPLICATION
TORQUE REQUIREMENT.



MODIFICATION EC NO. SH2004-0130 DRWN: DXUE 04/03/05 CHK: HARVEY 04/03/11 APPR: SHUANG 04/03/12		DESCRIPTION	QUALITY SYMBOLS		GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE 4 : 1	DESIGN UNITS ☐ mm ☒ INCH	 THIRD ANGLE PROJECTION	☐ mm INCH ☒ INCH ☐ mm ONLY	REVISE ON CAD ONLY	
			MAJOR =0 CRITICAL =0		☐ mm ☐ INCH	☐ mm ☐ INCH	DRAWN BY & DATE TMCLELL 00/01/19		TITLE: DVI - A VERTICAL RECEPTACLE ASSEMBLY FOR ADAPTER			
					4 PLACES ±0. ±.	3 PLACES ±0. ±.010	CHECKED BY & DATE SCHMIDGA 00/01/19					
					2 PLACES ±0.25 ±.010	1 PLACE ±0.25 ±.010	APPROVED BY & DATE NELSON 00/01/19		MOLEX INCORPORATED			
ANGULAR: ± 1/2°		CAD FILENAME SD74320014.S01		MATERIAL NO. 743206001	DRAWING NO. SD-74320-014	SHEET NO. 1 OF 1						
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 C