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Part Number:

0743206600

Status:

Active

Overview:

microcross_dvi

Description:

MicroCross™ DVI-I Digital/Analog Visual Interface, PCB Receptacle, PanelMount, Through Hole, Vertical, Gold (Au) Flash, 2.79mm (.110") P.C. TailLength, 28 Circuits, Lead Free

Documents:

Drawing (PDF)

Product Specification PS-74320-001 (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
Overview		microcross_dvi
Product Name		MicroCross™DVI
Type		N/A
Physical		
Boot Color		N/A
Circuits (Loaded)		28
Circuits (maximum)		28
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

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

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

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

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-74320-005, PK-74320-010
Product Specification	PS-74320-001
Sales Drawing	SD-74320-010

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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.

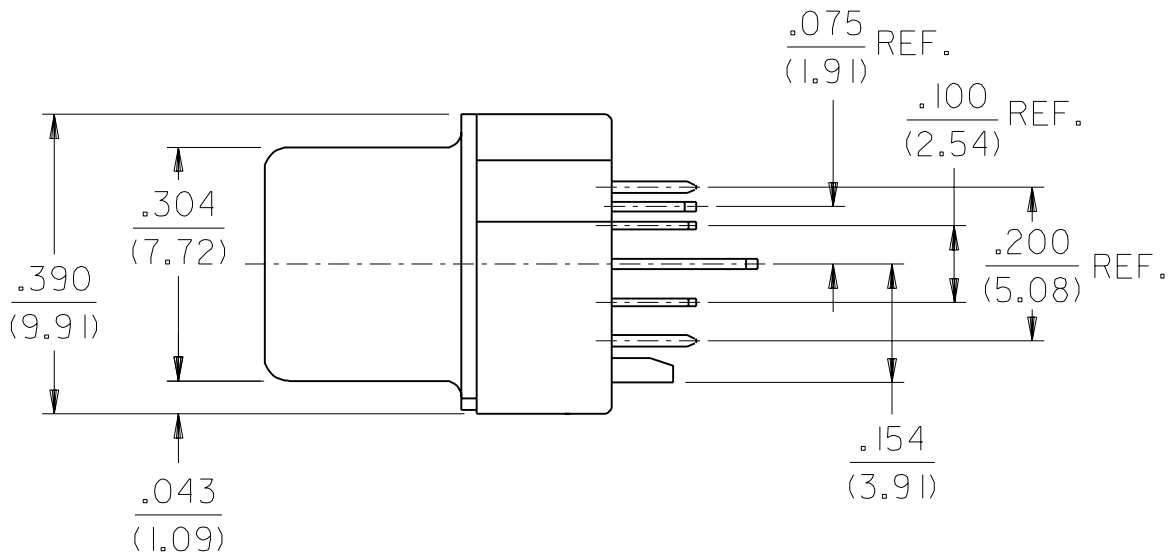
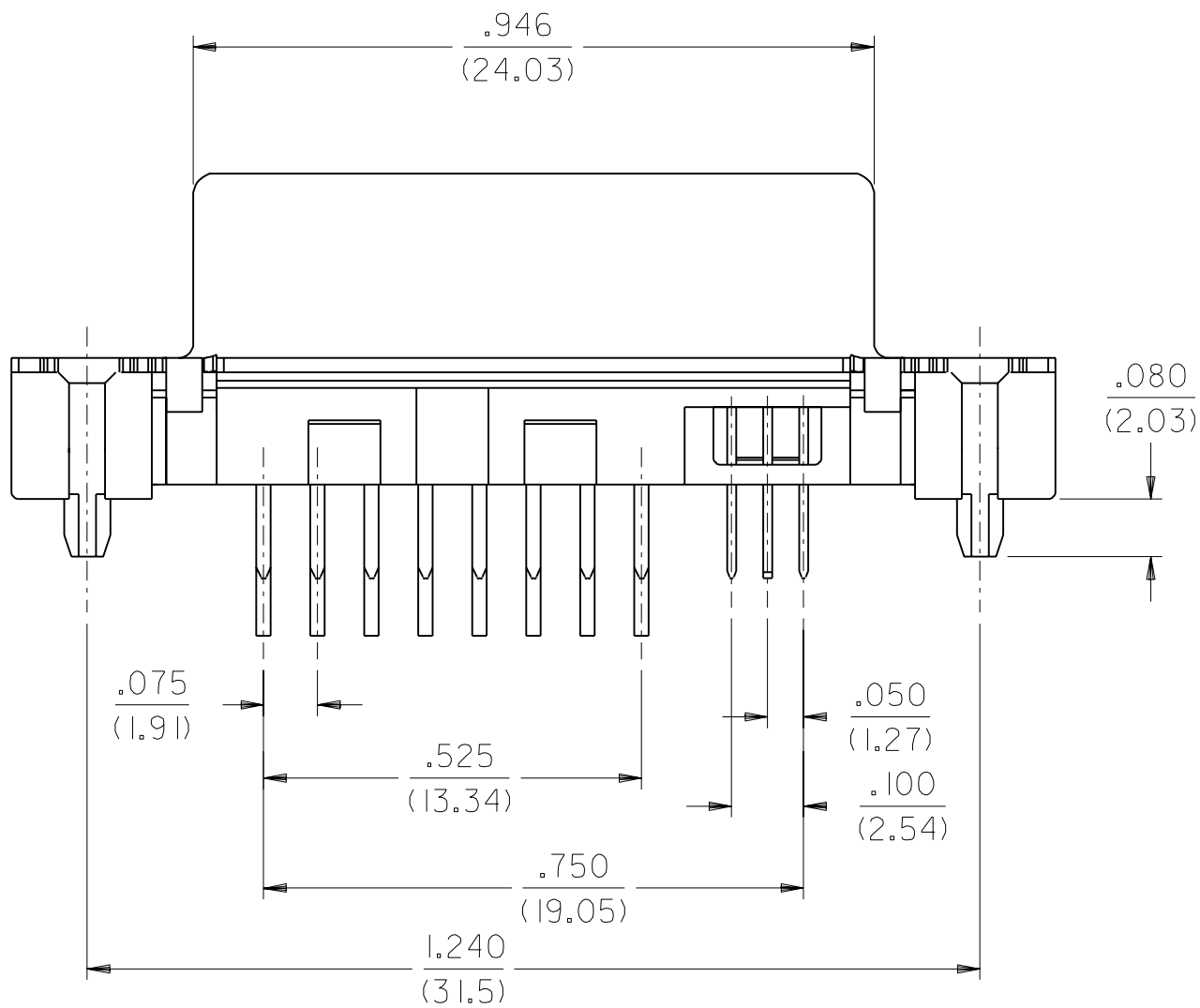
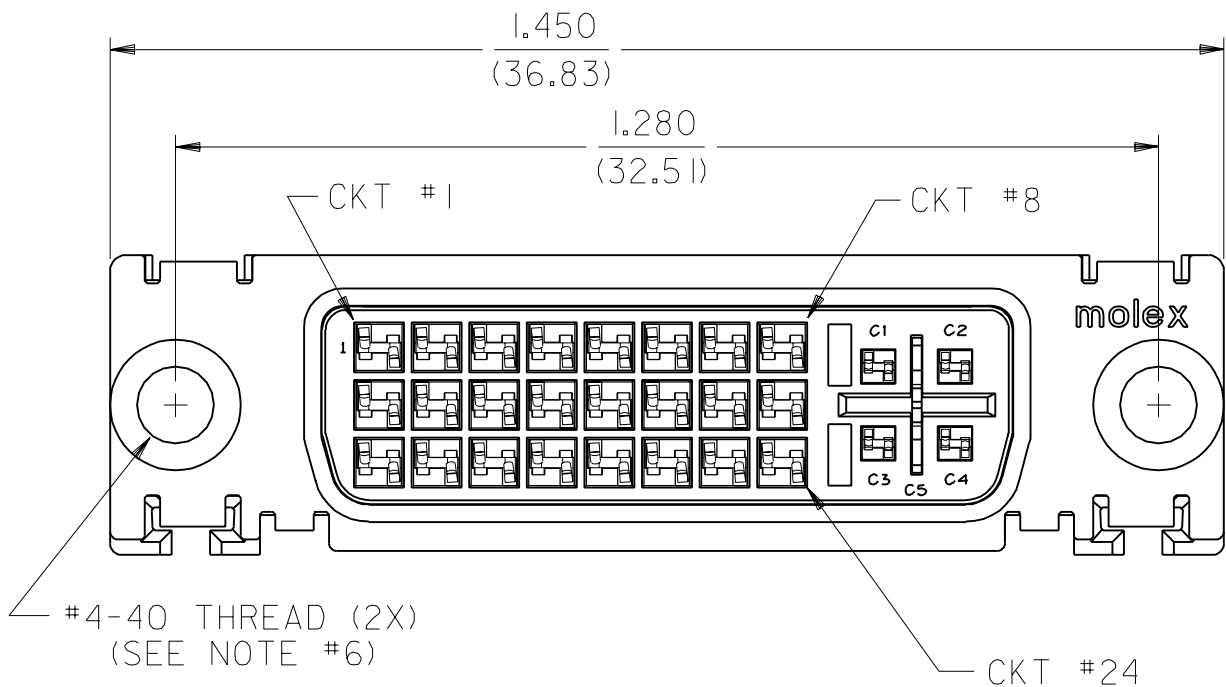
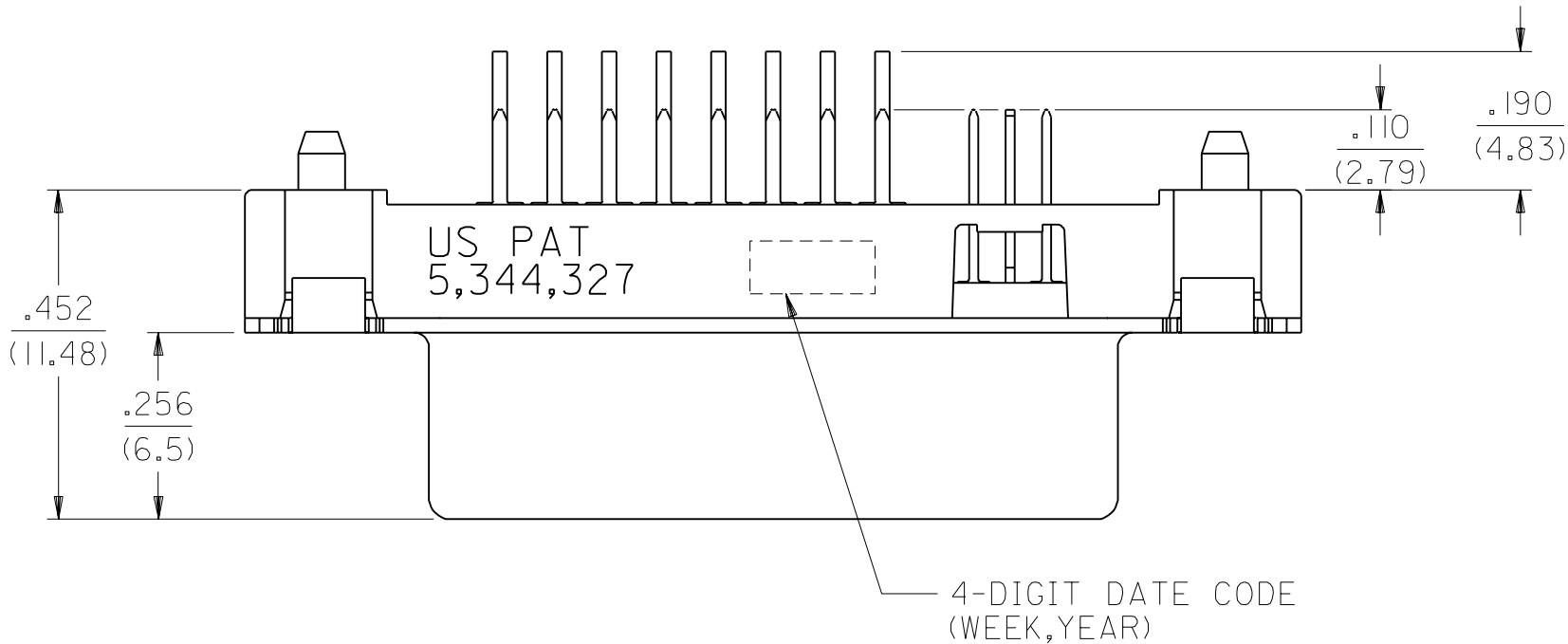
MICROCROSS GROUND -- 30u"/(0.75um) MIN. SELECT GOLD AND
100u"/(2.50um) SELECT PURE TIN
OVER 50u"/(1.27um) MIN. NICKEL OVERALL.

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 MAJOR =0 CRITICAL =0	GENERAL TOLERANCES: (UNLESS SPECIFIED)			SCALE 4 : 1	DESIGN UNITS ☐ mm ☒ INCH	 THIRD ANGLE PROJECTION	☐ mm INCH ☒ INCH ☐ mm ONLY	REVISE ON CAD ONLY	
				mm	INCH	DRAWN BY & DATE SCHMIDGA 00/10/12		TITLE: DVI - I VERTICAL RECEPTACLE ASSEMBLY FOR ADAPTER			
			4 PLACES	±0.	±.	CHECKED BY & DATE TMcCLELL 00/10/13					
			3 PLACES	±0.	±. 010	APPROVED BY & DATE NELSON 00/10/16		MOLEX INCORPORATED			
			2 PLACES	±0.25	±. 010	CAD FILENAME SD74320010.S01					
			1 PLACE	±0.25	±. 010	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.			