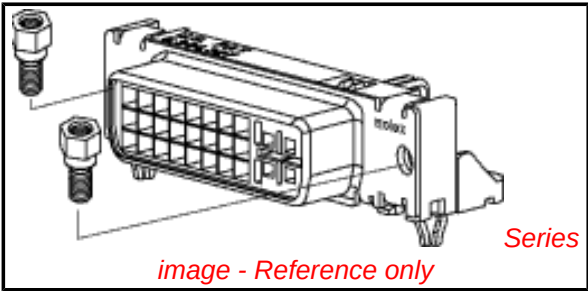


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Part Number: [0743209014](#)
Status: **Active**
Description: MicroCross™ DVI-I Digital/Analog Visual Interface, PCB Receptacle, Panel Mount, Through Hole, Right Angle, with Beveled Metal Pins, Gold Flash, Lead Free, Screw Hole, 4-40 Thread, 29 Circuits



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
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) 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

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

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)

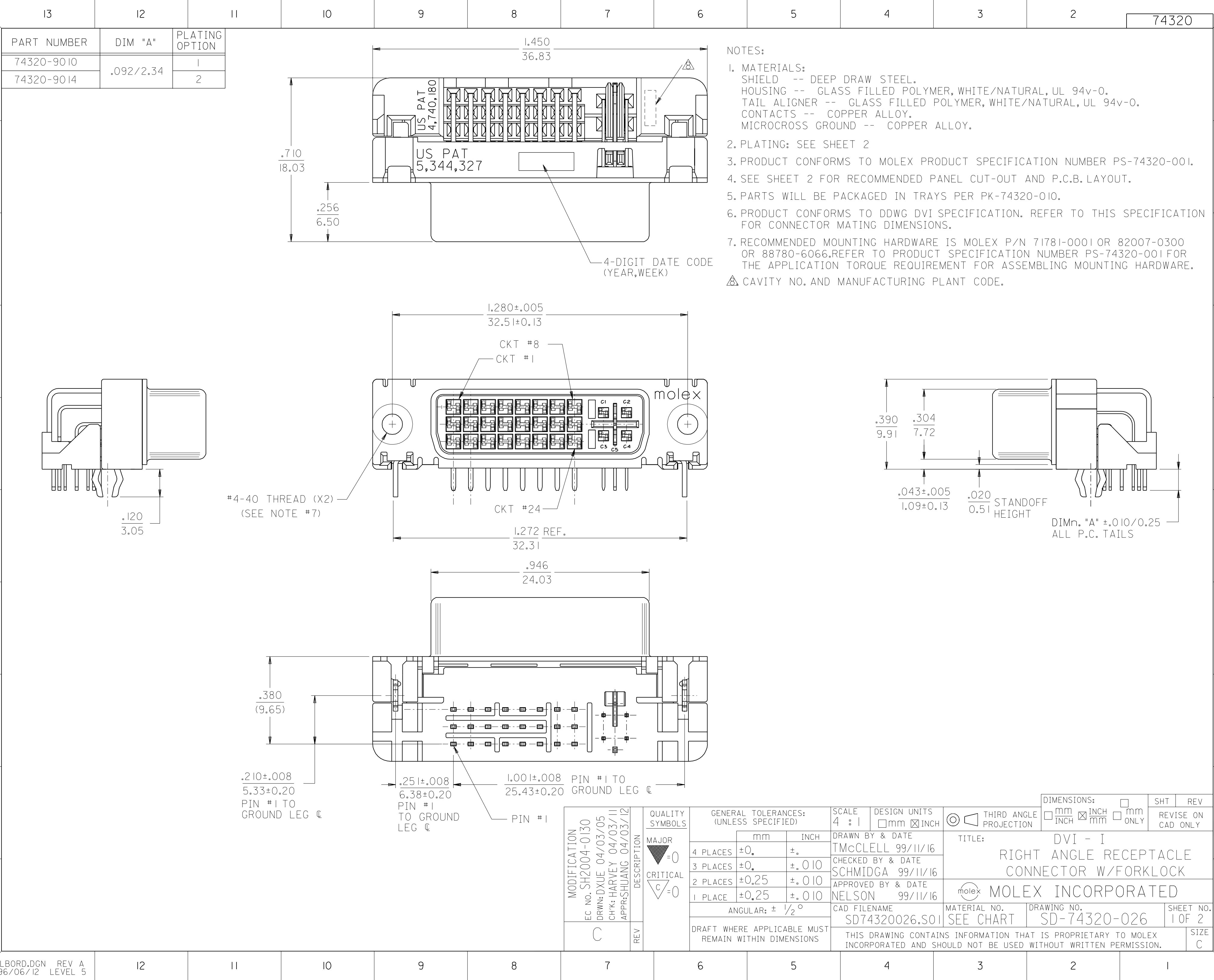
Material Info

Reference - Drawing Numbers

Product Specification	PS-74320-001
Sales Drawing	SD-74320-026

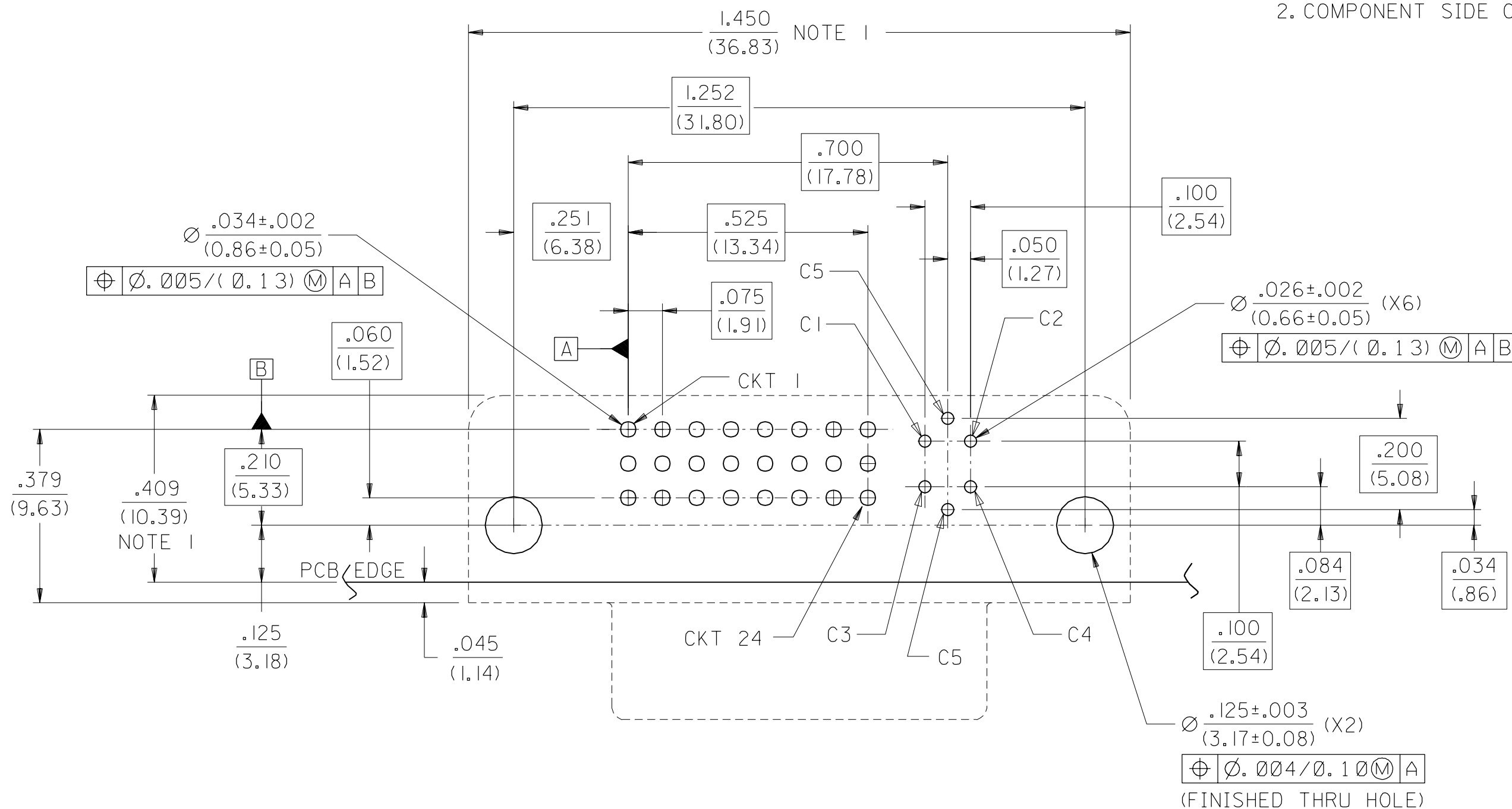
This document was generated on 04/05/2010

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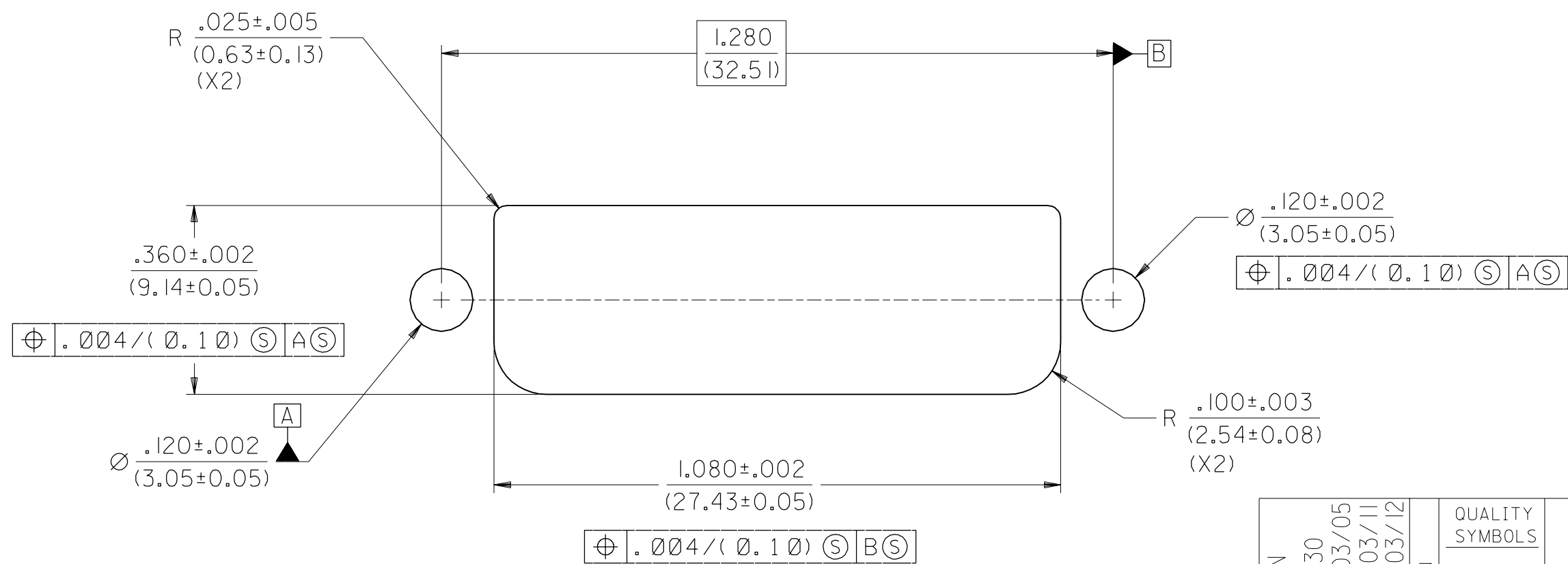


NOTES:

1. THESE DIMENSIONS REPRESENT CONNECTOR OVERLAY ON PCB.
2. COMPONENT SIDE OF PCB SHOWN.



RECOMMENDED PCB LAYOUT



NOTE:
1. PANEL THICKNESS: .030" - .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.

PLATING OPTION #2:

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.

MODIFICATION	DESCRIPTION	REV
EC NO. SH2004-0130		
DRWN: DXUE 04/03/05		
CHK: HARVEY 04/03/11		
APPR: SHUANG 04/03/12		
C		

QUALITY SYMBOLS	MAJOR	CRITICAL
	=0	=0

GENERAL TOLERANCES: (UNLESS SPECIFIED)	mm	INCH
4 PLACES	±0.	±.
3 PLACES	±0.	±.010
2 PLACES	±0.25	±.010
1 PLACE	±0.25	±.010
ANGULAR: ±	1/2°	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
4 : 1	mm INCH	
DRAWN BY & DATE	TMCCLELL 99/11/16	
CHECKED BY & DATE	SCHMIDGA 99/11/16	
APPROVED BY & DATE	NELSON 99/11/16	
CAD FILENAME	SD74320026.S02	

TITLE:	MATERIAL NO.	DRAWING NO.	SHEET NO.
DVI - I RIGHT ANGLE W/FORKLOCK RECEPTACLE CONNECTOR	SEE CHART	SD-74320-026	2
MOLEX INCORPORATED			
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.			SIZE C