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Part Number:

0743209064

Status:

Active

Description:

MicroCross™ DVI-I Digital/Analog Visual Interface, PCB Receptacle, Through Hole, Right Angle, 2.34mm (.092") P.C. Tail Length, with Pre- Tightened Jackpost, 29 Circuits, Lead Free

Documents:	
Drawing (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)	29
Circuits (maximum)	29
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
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

Packaging Specification	PK-74320-001, PK-74320-010
Sales Drawing	SD-74320-036

This document was generated on 05/10/2010

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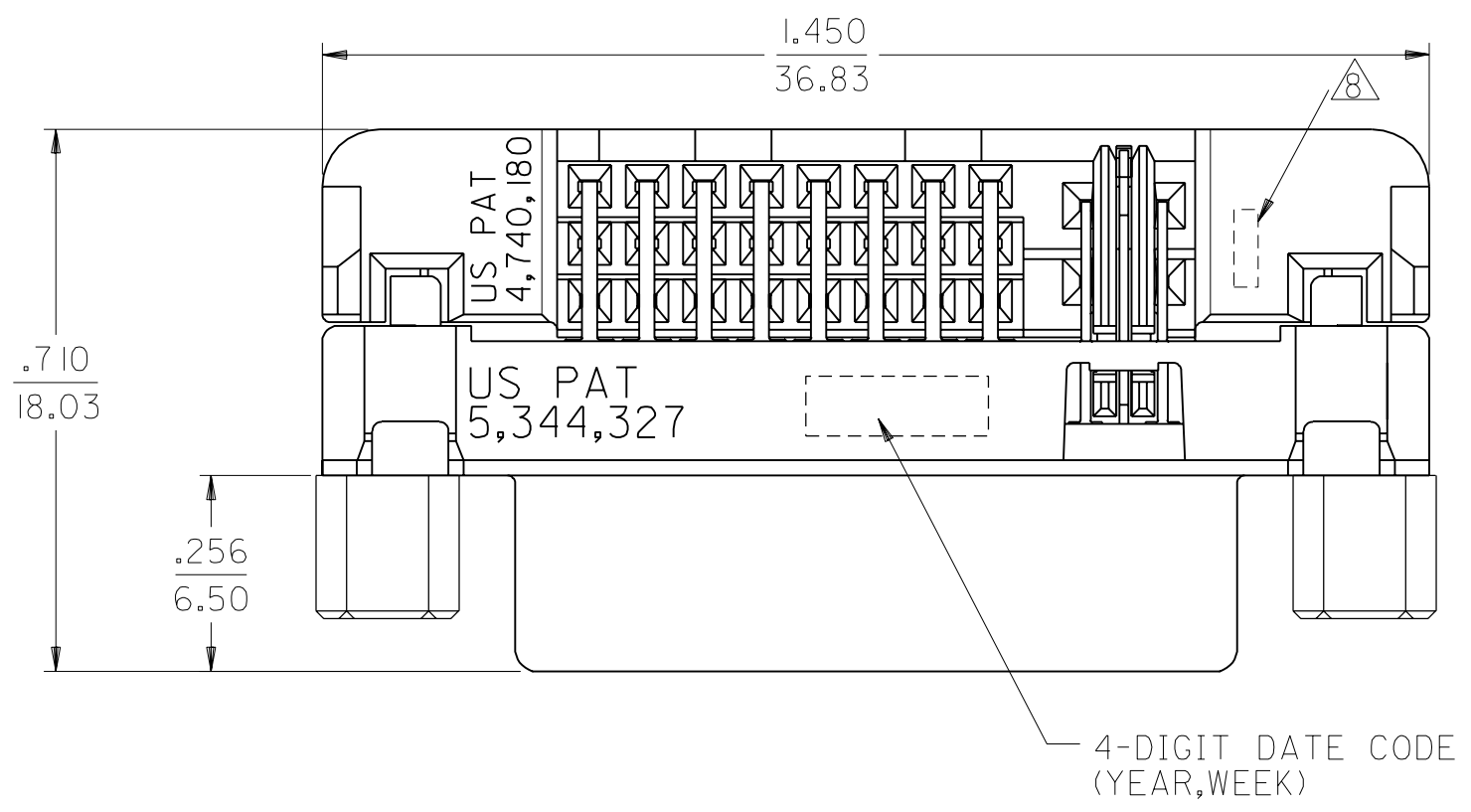
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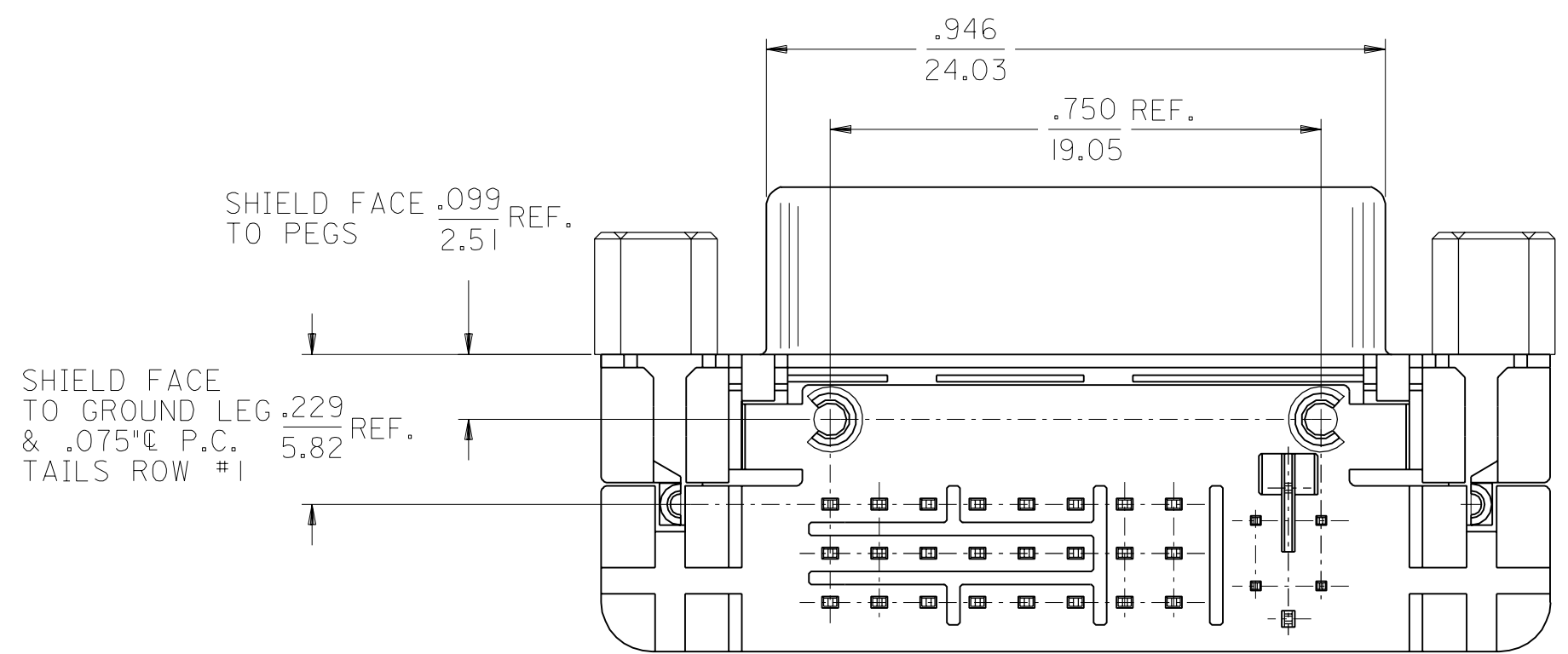
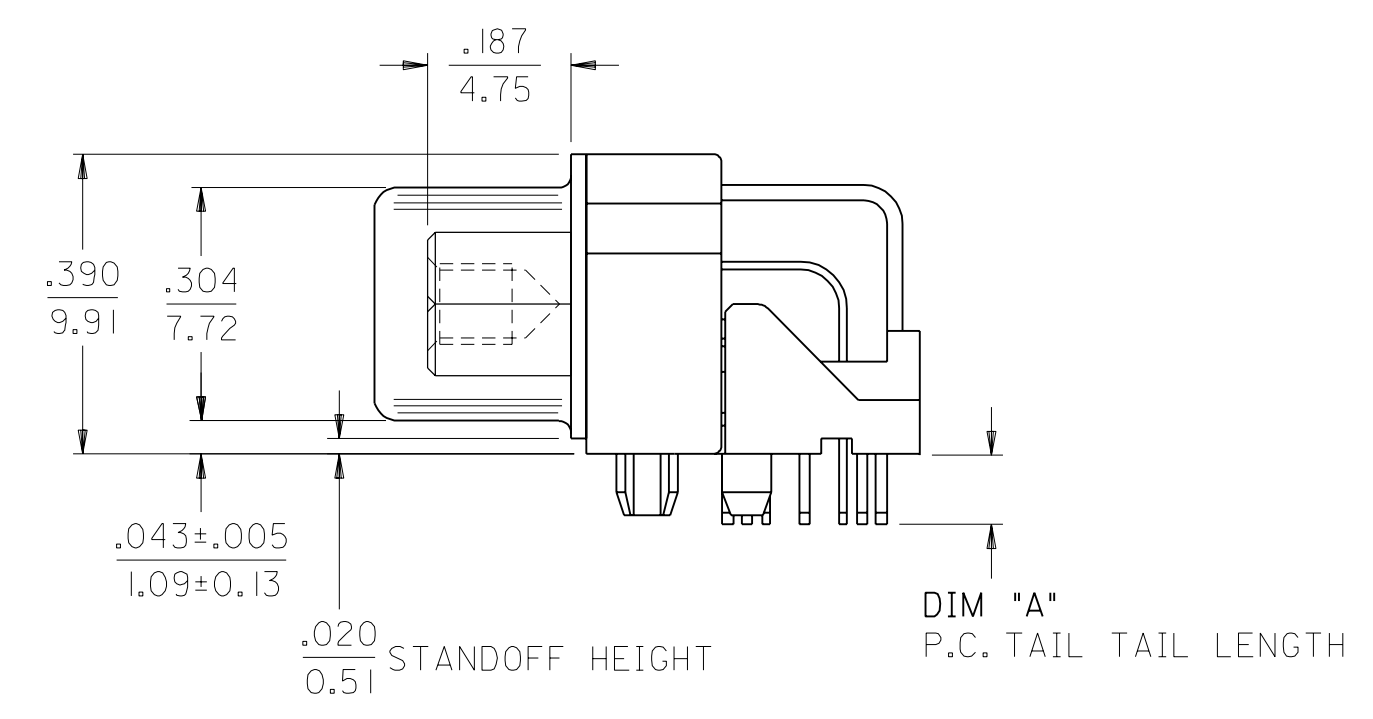
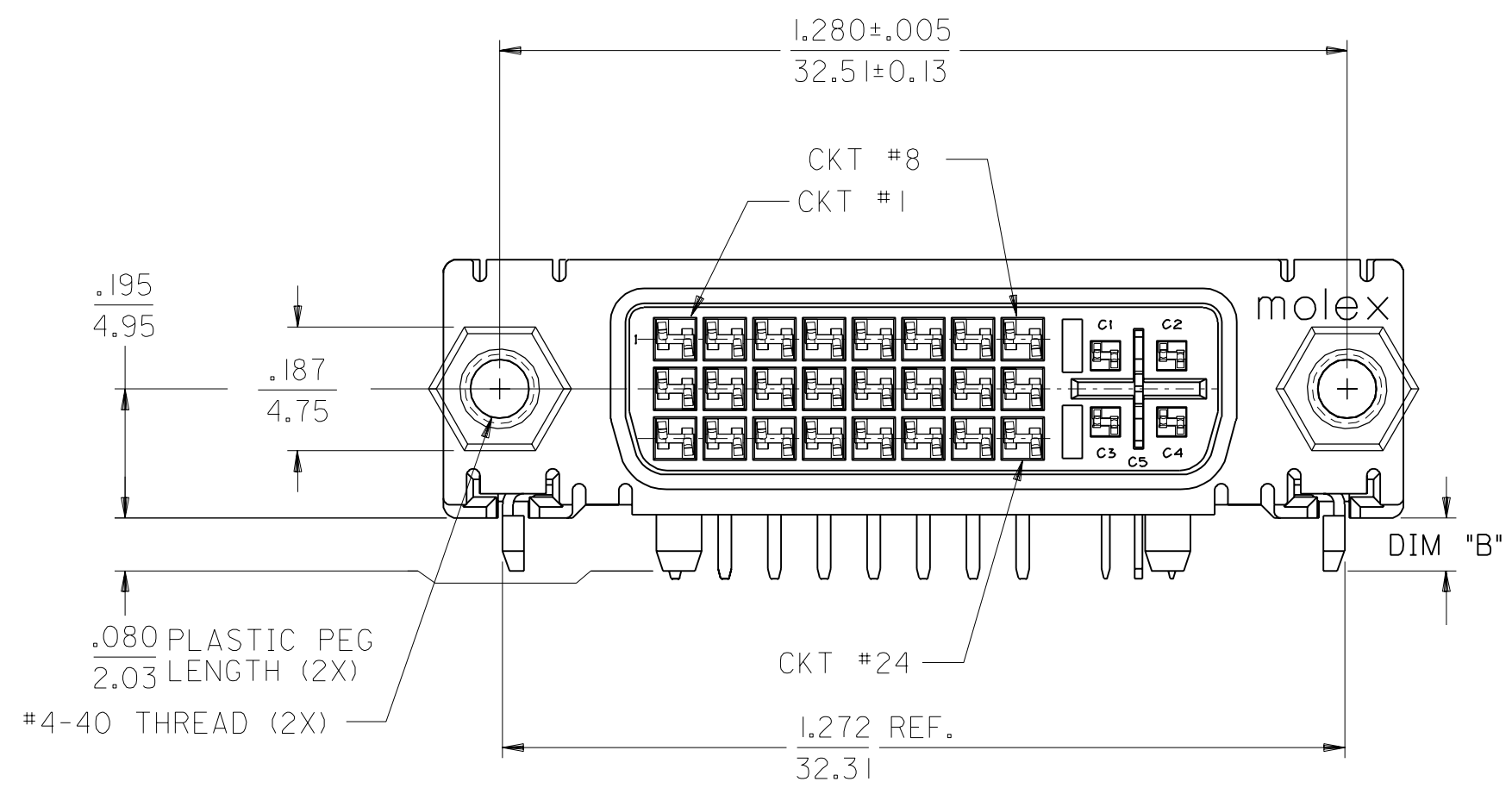
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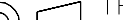
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- NOTES:
1. MATERIALS:
SHIELD -- DEEP DRAW STEEL.
HOUSING -- GLASS FILLED POLYMER, NATURAL (WHITE), UL 94v-0.
TAIL ALIGNER -- GLASS FILLED POLYMER, NATURAL (WHITE), UL 94v-0.
CONTACTS -- COPPER ALLOY.
MICROCROSS GROUND -- COPPER ALLOY.
JACKPOST -- STEEL.
 2. PLATING: SEE SHEET 2
 3. PRODUCT CONFORMS TO MOLEX PRODUCT SPECIFICATION NUMBER PS-74320-001.
 4. SEE SHEET 2 FOR RECOMMENDED PANEL CUT-OUT AND P.C.B. LAYOUT.
 5. PARTS WILL BE PACKAGED IN TRAYS.
 6. PRODUCT CONFORMS TO DDWG DVI SPECIFICATION. REFER TO THIS SPECIFICATION FOR CONNECTOR MATING DIMENSIONS.
 7. 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 (TERMINAL)	DIM "A"	DIM "B"	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	DIMENSIONS: ☐ mm ☒ INCH ☐ mm ONLY		SHT	REV			
							mm	INCH	DRAWN BY & DATE Allen Lin '01/11/20		TITLE: DVI - INTERGRATED R/A JACKPOST-PRE-TIGHTEN TYPE WITH RECEPTACLE CONN.				REVISE ON CAD ONLY				
74320-9060	1 (30u" GOLD)	.092/2.34	.080±.020				4 PLACES	±0.	±.	CHECKED BY & DATE VLIN '01/11/20			MOLEX INCORPORATED						
74320-9061	1 (30u" GOLD)	.050/1.27	2.03±0.51				3 PLACES	±0.	±.010	APPROVED BY & DATE ELAN '01/11/20									
74320-9063	1 (30u" GOLD)	.123/3.12	.110/2.79				2 PLACES	±0.25	±.010	CAD FILENAME S7432036.S01			MATERIAL NO. SEE CHART	DRAWING NO. SD-74320-036	SHEET NO. 1 OF 2	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		SIZE C	
74320-9064	2 (GOLD FLASH)	.092/2.34	.080±.020				1 PLACE	±0.25	±.010	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									
74320-9065	2 (GOLD FLASH)	.050/1.27	2.03±0.51				ANGULAR: ± 1/2°												
74320-9066	2 (GOLD FLASH)	.110/2.79	.110/2.79				D	REV											
74320-9067	2 (GOLD FLASH)	.123/3.12	.110/2.79																

PLATING OPTIONS:

PLATING OPTION #1:

OUTER SHIELD -- 150u"/(3.75um) MIN. BRIGHT TIN OVER
50u"/(1.27um) MIN. NICKEL OVER COPPER FLASH.

TERMINAL :

.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.

JACKPOST -- ZINC PLATE W/CLEAR CHROMATE

PLATING OPTION #2:

OUTER SHIELD -- 150u"/(3.75um) MIN. BRIGHT TIN OVER
50u"/(1.27um) MIN. NICKEL OVER COPPER FLASH.

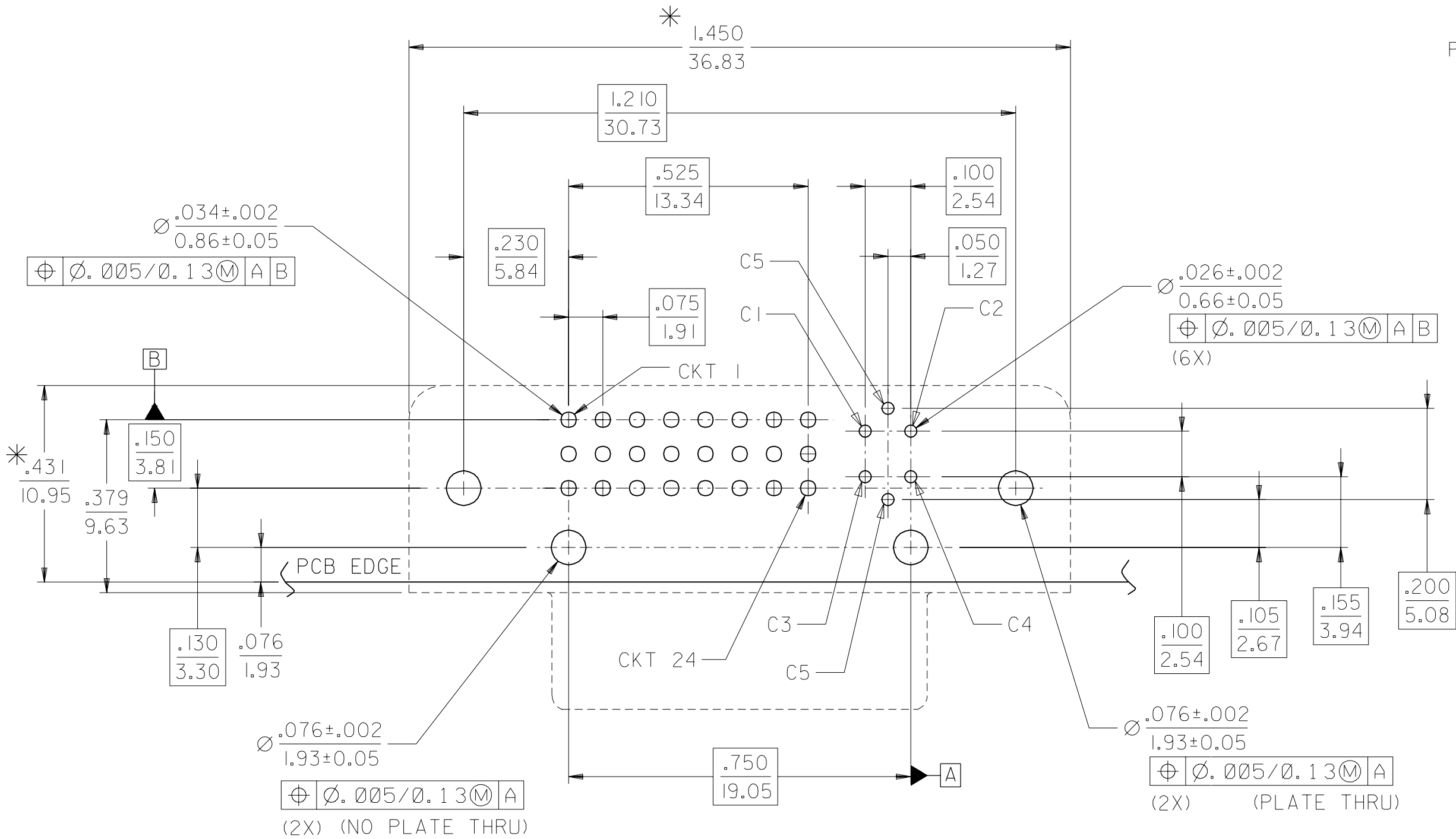
TERMINAL :

.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) MIN. SELECT PURE TIN
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100u"/(2.50um) MIN. SELECT PURE TIN
OVER 50u"/(1.27um) MIN. NICKEL OVERALL.

JACKPOST -- ZINC PLATE W/CLEAR CHROMATE



*THESE DIMENSIONS REPRESENT CONNECTOR OVERLAY ON PCB.

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 Allen Lin '01/11/20		TITLE: DVI - INTERGRATED R/A JACKPOST - PRE -TIGHTEN TYPE WITH RECEPTACLE CONN.			
			4 PLACES	±0.	±.	CHECKED BY & DATE VLIN '01/11/20					
			3 PLACES	±0.	±.010	APPROVED BY & DATE ELAN '01/11/20		MOLEX INCORPORATED			
			2 PLACES	±0.25	±.010	CAD FILENAME S7432036.S02					
D	REV		ANGULAR: ± 1/2°		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		SIZE C				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								