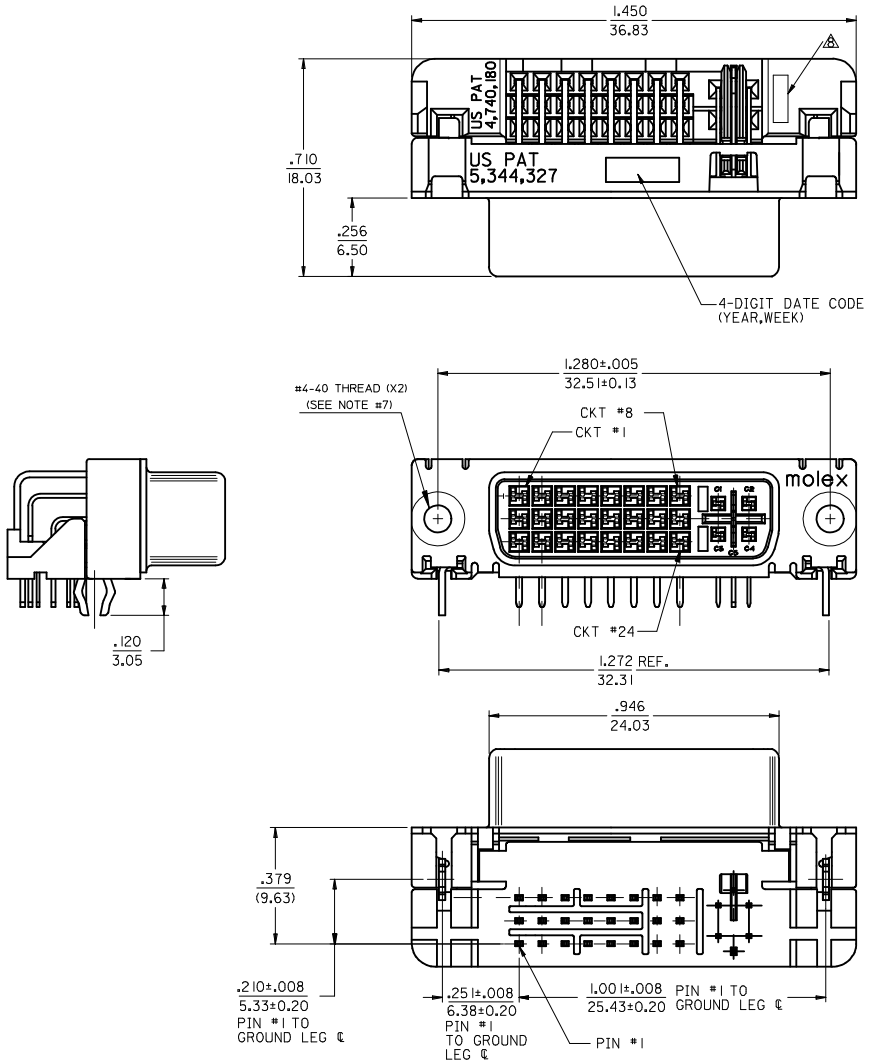
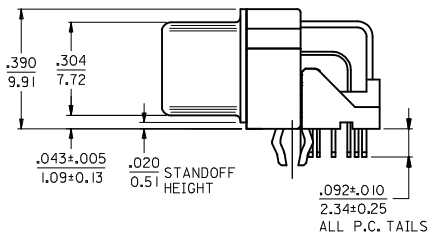


NOTES:

1. MATERIAL:
   SHIELD: DEEP DRAW STEEL;
   HOUSING: LCP, UL94V-0, NATURAL (WHITE);
   TAIL ALIGNER: LCP, UL94V-0, NATURAL (WHITE);
   CONTACT: COPPER ALLOY.
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 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 82007-0300 OR 88780-6066. REFER TO PRODUCT SPECIFICATION NUMBER PS-74320-001 FOR THIS APPLICATION TORQUE REQUIREMENT FOR ASSMBLING MOUNTING HARDWARE.

8. CAVITY ID AND MANUFACTURING PLANT CODE.



PART NUMBER	PLATING OPTION
74320-9010	1
74320-9014	2

REVISED
EC NO: SH2015-0200 2014/12/11
DRWN:XQZHANG 2014/12/11
CH'KD:XQZHANG 2015/02/09
APPR:AYIN
DESCRIPTION
REV

QUALITY SYMBOLS
FA=0
FC=0
FP=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± 0.010
2 PLACES	± 0.25	± 0.010
1 PLACE	± 0.25	± 0.010
0 PLACE	± ---	± ---

ANGULAR ±0.5°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM
SCALE: 1:1
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

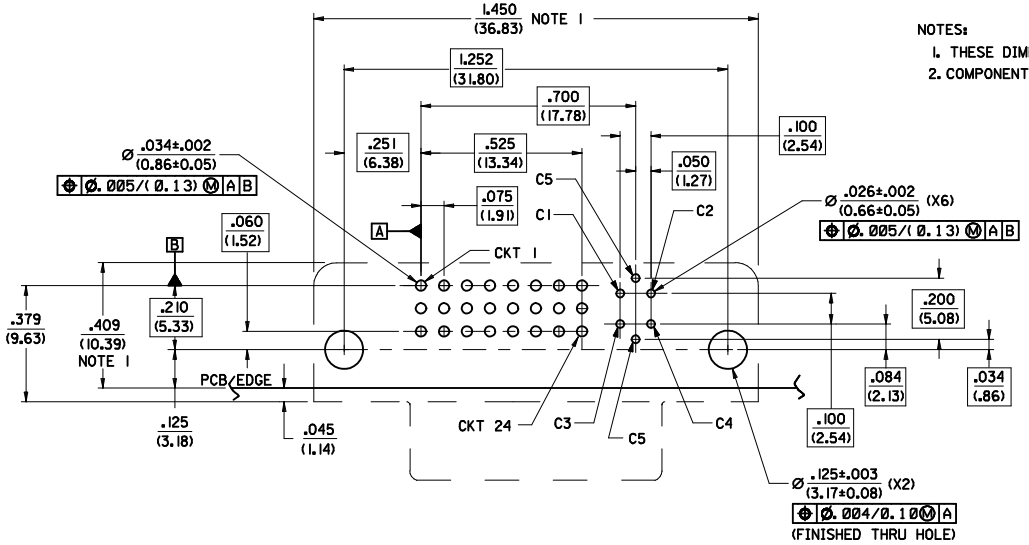
DRAWN BY: XJSONG DATE: 2011/08/18
CHECKED BY: XJSONG DATE: 2011/08/18
APPROVED BY: RZHANG DATE: 2011/08/22

TITLE: DVI-I RIGHT ANGLE RECEPTACLE CONNECTOR W/FORKLOCK

molex

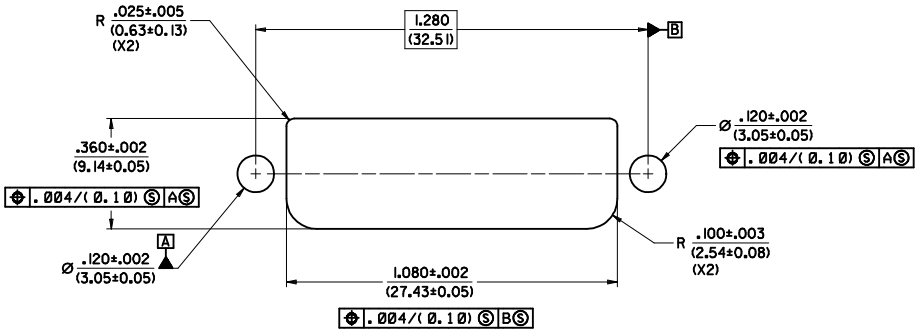
MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-74320-026
SHEET NO.: 1 OF 2
SIZE: A3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION



RECOMMENDED PCB LAYOUT

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



RECOMMENDED PANEL CUT-OUT

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.

SEE SHEET 1	EC NO: SH2015-0200	DRWN:XQZHANG	2014/12/11
		CH'KD:XQZHANG	2014/12/11
		APPR:AYIN	2015/02/09
REV		DESCRIPTION	

QUALITY SYMBOLS: F_A=0, F_C=0, F_P=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± 0.010
2 PLACES	± 0.25	± 0.010
1 PLACE	± 0.25	± 0.010
0 PLACE	± ---	± ---
ANGULAR ±0.5°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM	SCALE: 1:1	DESIGN UNITS: INCH	THIRD ANGLE PROJECTION
DRAWN BY: XJSONG	DATE: 2011/08/18	TITLE: DVI-I RIGHT ANGLE RECEPTACLE CONNECTOR W/FORKLOCK	
CHECKED BY: XJSONG	DATE: 2011/08/18		
APPROVED BY: RZHANG	DATE: 2011/08/22	molex	
MATERIAL NO.: SEE SHEET 1		DOCUMENT NO.: SD-74320-026	SHEET NO.: 2 OF 2
SIZE: A3			

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