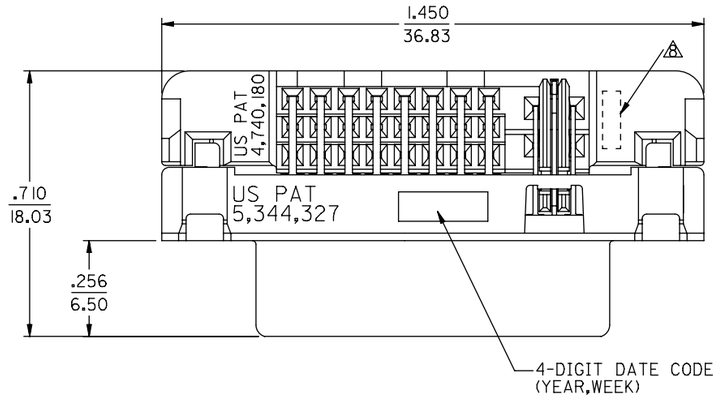
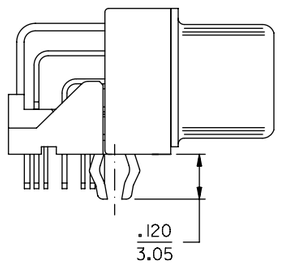
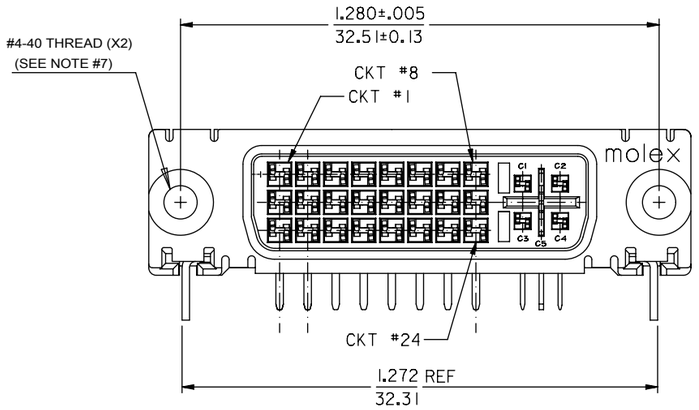
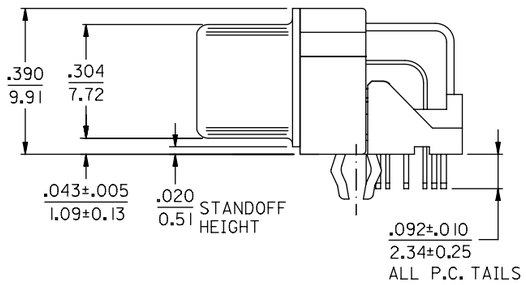


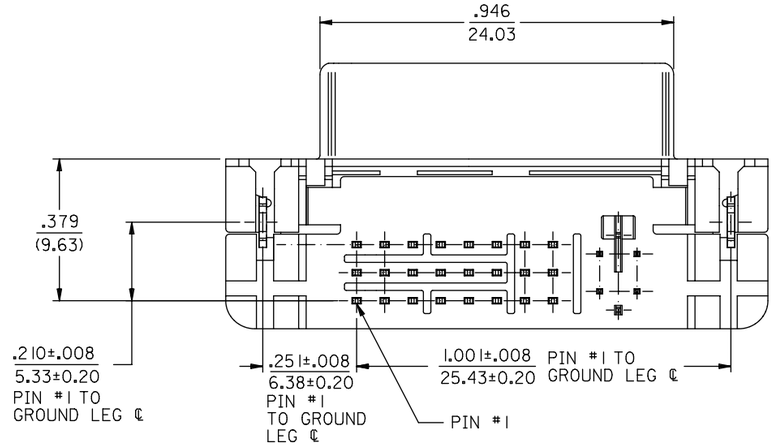
NOTES:

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.









74320-9010	1
PART NUMBER	PLATING OPTION

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS	SCALE
INCH	1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL	± 1.0 °
4 PLACES	± 0.01
3 PLACES	± 0.01
2 PLACES	± 0.01
1 PLACE	±
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: OBSOLETED PART NUMBER

EC NO: 655037
DRWN: VLOKESHA 2020/12/18
CHK'D: GGA 2021/03/16
APPR: GGA 2021/03/16

INITIAL REVISION:
DRWN: XQZHANG 2014/12/11
APPR: AYIN 2014/12/11

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 74320

molex

DVI-I RIGHT ANGLE
RECEPTACLE CONNECTOR, W/FORKLOCK

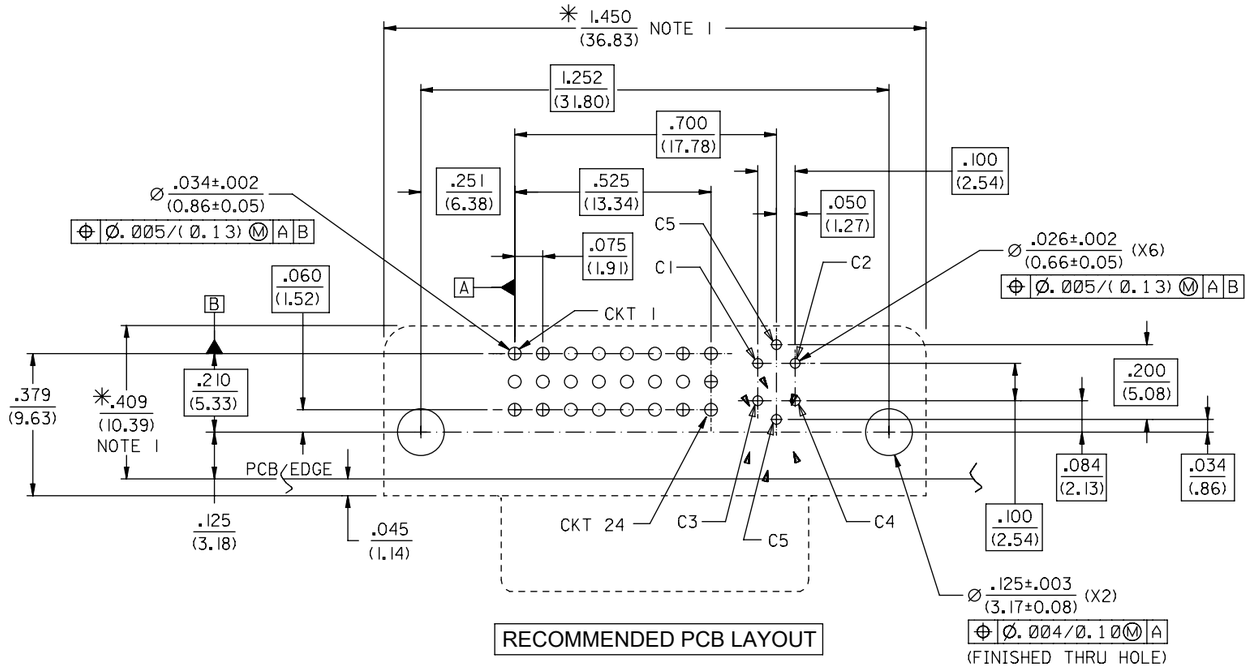
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-74320-026	PSD	000	F1

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	1 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2021/03/16 13:02:19

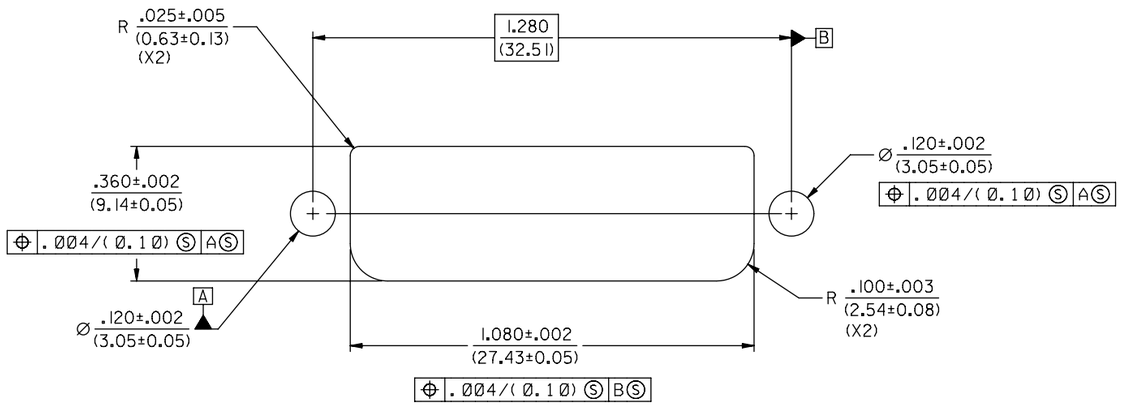
FORMAT: master-tb-prod-A3
REVISION: J
DATE: 2020/01/14



RECOMMENDED PCB LAYOUT

COMPONENT SIDE OF PCB SHOWN

* THESE DIMENSIONS REPRESENT CONNECTOR OVERLAY ON PCB.



RECOMMENDED PANEL CUT-OUT

PANEL THICKNESS: .030"-.040"

PLATING OPTIONS:

PLATING OPTION #1:

OUT SHIELD -- 60u"/(1.5um) MIN. SOLDERABLE NICKEL OVER 30u"/(0.75um) MIN. COPPER OVERALL.

.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:

OUT SHIELD -- 60u"/(1.5um) MIN. SOLDERABLE NICKEL OVER 30u"/(0.75um) MIN. COPPER OVERALL.

.075"/(1.91mm) CONTACTS -- SELECT GOLD FLASH AND 100u"/(2.50um) MIN. SELECT PURE TIN OVER 50u"/(1.27um) MIN. NICKEL OVERALL.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS	SCALE
INCH	1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	1.0 °
4 PLACES	±	0.01
3 PLACES	±	0.01
2 PLACES	±	0.01
1 PLACE	±	
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: OBSOLETED PART NUMBER

EC NO: 655037
DRWN: VLOKESHA 2020/12/18
CHK'D: GGA 2021/03/16
APPR: GGA 2021/03/16

INITIAL REVISION:
DRWN: XQZHANG 2014/12/11
APPR: AYIN 2014/12/11

molex

DVI-I RIGHT ANGLE
RECEPTACLE CONNECTOR, W/FORKLOCK

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-74320-026	PSD	000	F1

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	74320	SEE TABLE	GENERAL MARKET	2 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2021/03/16 13:02:19

FORMAT: master-lb-prod-A3
REVISION: J
DATE: 2020/01/14