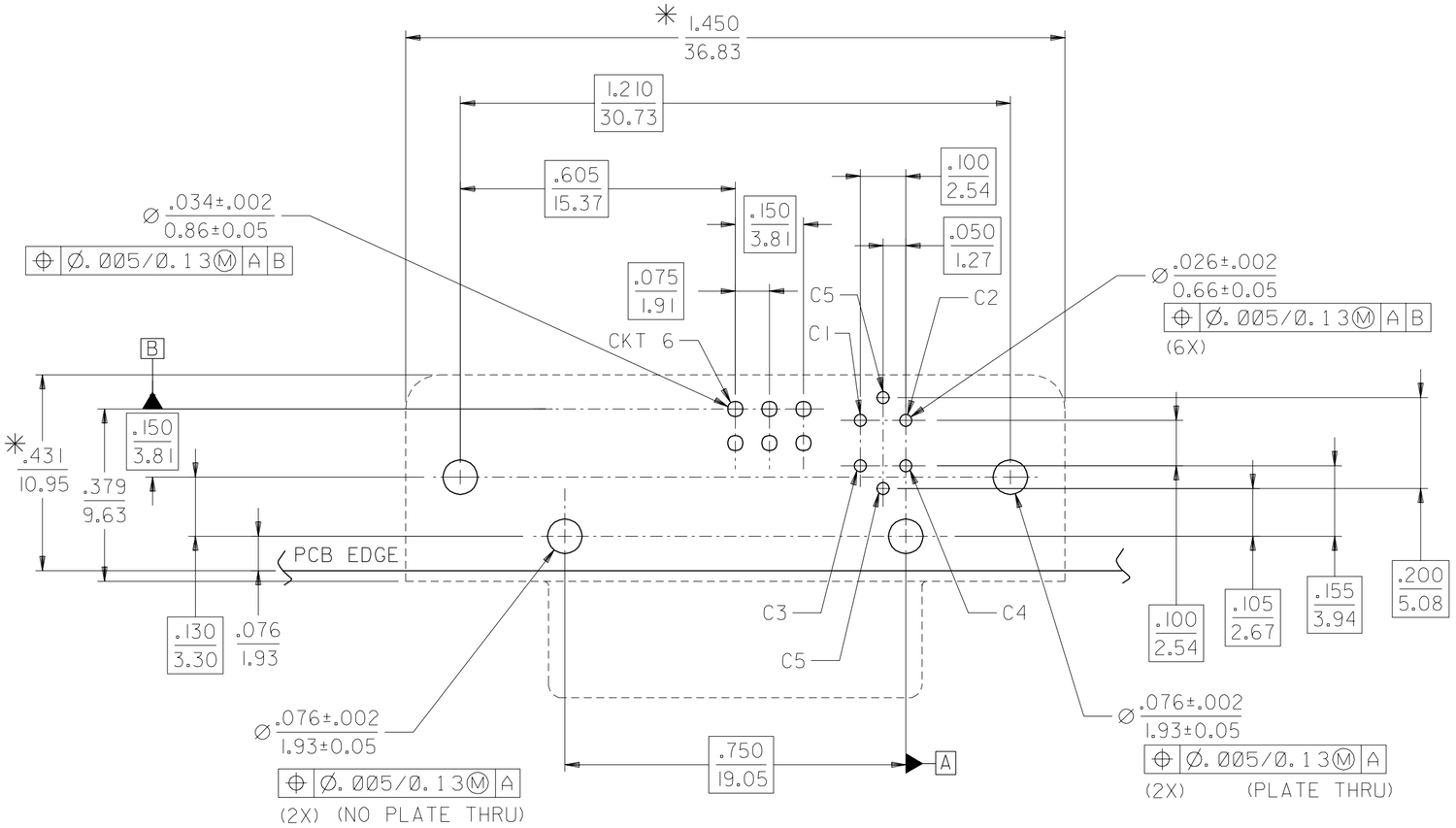
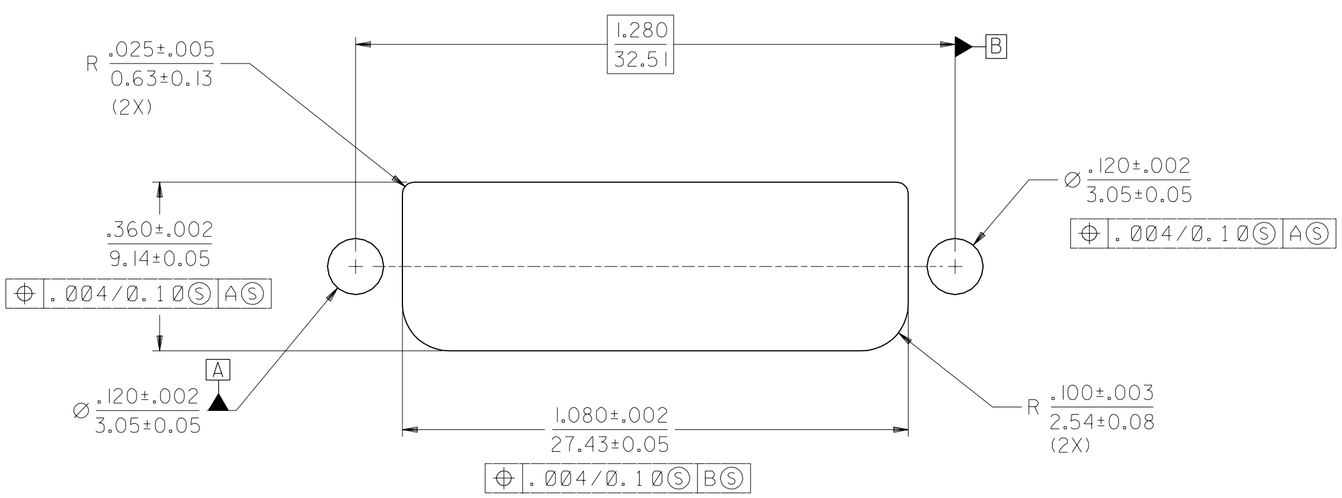


RECOMMENDED PCB LAYOUT

✳ THESE DIMENSIONS REPRESENT CONNECTOR OVERLAY ON PCB.



RECOMMENDED PANEL CUT-OUT
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.

.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.

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.

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

MODIFICATION
EC NO. SH2004-0130
DRWN: DXUE 04/03/05
CH'K: HARVEY 04/03/11
APPR: SHUANG 04/03/12
DESCRIPTION
REV
E

QUALITY SYMBOLS
MAJOR =0
CRITICAL C =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 4 : 1
DESIGN UNITS ☐ mm ☒ INCH
THIRD ANGLE PROJECTION
DIMENSIONS: ☐ mm/INCH ☒ INCH/mm ☐ INCH ONLY mm ONLY
SHT REV
REVISE ON CAD ONLY

DRAWN BY & DATE KSMITH 99/07/15
CHECKED BY & DATE DSCHMIDG 99/07/15
APPROVED BY & DATE RNELSON 99/07/15

TITLE: DVI - A RIGHT ANGLE RECEPTACLE CONNECTOR

molex MOLEX INCORPORATED

CAD FILENAME SD74320017.S02
MATERIAL NO. SEE CHART
DRAWING NO. SD-74320-017
SHEET NO. 2
SIZE C

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