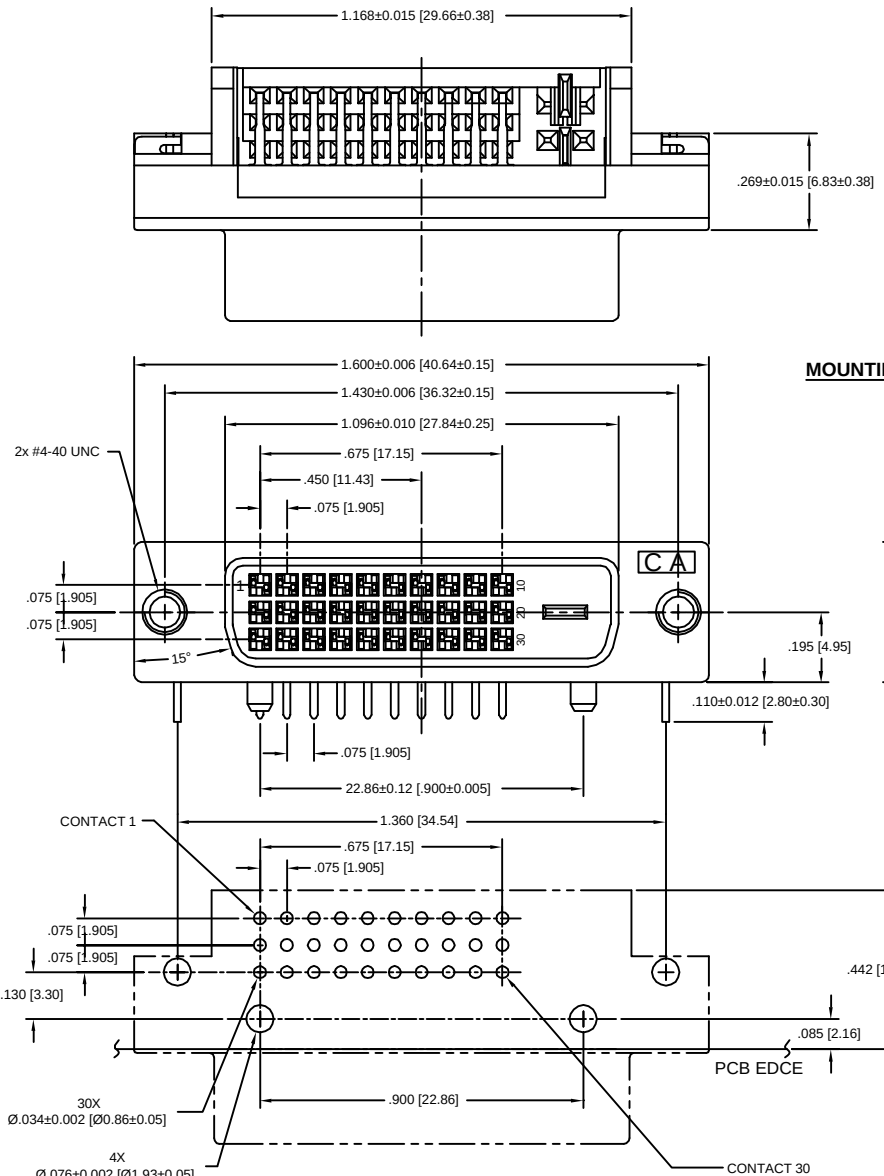
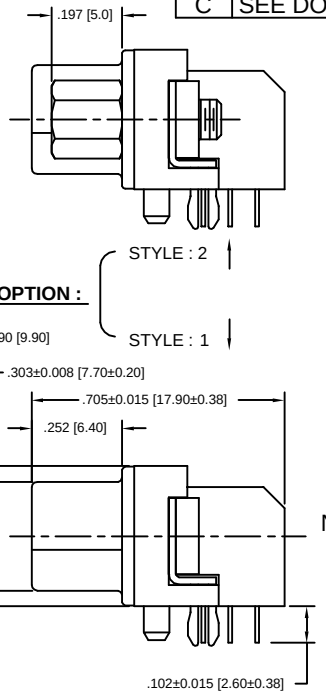
PART NO.	CA-30PNDSDR-F-1

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	SEE CAT ECN NO. E9009050	09/26/2001	William Wu
B	SEE CAT ECN NO. E9101024	01/17/2002	William Wu
C	SEE DO 6455 C.P.	06/13/2007	I.M.



CA-35PNDSDR-X-X
PC BOARD MOUNTING PATTERN
COMPONENT SIDE



MOUNTING OPTION :

CA - 30 PND S D R - F - 1

- NO OF PIN POSITIONS
- PLUG AND DISPLAY (P&D)
- FEMALE (SOCKET)
- PRODUCT TYPE :
  - D = DIGITAL
- PROFILE :
  - R = RIGHT ANGLE
- PLATING:
  - F = .000030" [.00076] GOLD OVER NICKEL . (STANDARD)
  - C = .000015" [.00038] GOLD OVER NICKEL . (OPTIONAL)
  - CONSULT FACTORY FOR OTHER PLATING OPTIONS.
- MOUNTING :
  - 1 = #4-40 UNC THREADED INSERT (STANDARD)
  - 2 = #4-40 UNC HEX SCREWLOCK (OPTIONAL)
  - (2 PCS. PER CONNECTOR ; PACKAGED SEPARATELY)

NOTES :

1. ENVIRONMENTAL : TEMPERATURE RANGE -20 °C TO +85 °C .
2. ELECTRICAL :
   RATED : 1.5A @ 40V AC (rms)
   CONTACT RESISTANCE : 20 MILLIOHMS MAXIMUM
   INSULATION RESISTANCE : 1000 MEGOHMS MINIMUM
   DIELECTRIC WITHSTANDING VOLTAGE : 500V AC (rms)
3. MECHANICAL :
   MATING FORCE : 10 LB. (4.5Kg) MAXIMUM
   UNMATING FORCE : 2.2 LB. (1Kg) MINIMUM , 8.8LB. (4Kg) MAXIMUM
4. MATERIAL :
   HOUSING : GLASS FILLED THERMOPLASTIC , BLACK, UL 94V-0
   CONTACT : PHOSPHOR BRONZE
   SHELL : ZINC ALLOY , TIN OVER NICKEL PLATED
   BOARD LOCK : CO PPER ALLOY , TIN PLATE
5. MEETS THE REQUIREMENTS OF DIRECTIVE 2002/95/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL OF 27 JANUARY 2003 ON THE RESTRICTION OF THE USE OF CERTAIN HAZARDOUS SUBSTANCES IN ELECTRICAL AND ELECTRONIC EQUIPMENT. (ROHS)
6. MANUFACTURED UNDER LICENSE FROM MOLEX INC.

DIMENSIONS ARE IN INCHES
TOLERANCES ARE :
DECIMALS ANGLES
.XX ± .010 ± 3°
.XXX ± .005

DIMENSIONS IN BRACKETS [X.XX] ARE IN MILLIMETERS
TOLERANCES ARE :
DECIMALS ANGLES
.X ± .25 ± 3°
.XX ± .13

DO NOT SCALE DRAWING

DRAWN	James Chang	01/17/02
CHECKED	Jesse Mol	01/17/02
APPROVALS	William Wu	01/17/02

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CIRCUIT ASSEMBLY ASIA
NO. 198-1F, ZHONG-ZHENG 5 STR., TAOYUAN, TAIWAN

FEMALE P&D CONNECTOR, RT. ANGLE
DIGITAL - CA-30PNDSDR-F-1
"ROHS COMPLIANT"

SIZE :	DRAWING NO.	REV.
C A4	T610040	C

SCALE:2 :1 SHEET:1 OF 1 FILE PATH: T610040C. DWG