



REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	SEE CAT ECN NO. E9009050	09/26/2001	William Wu
B	SEE CAT ECN NO. E9101025	01/17/2002	William Wu
C	SEE DO 6455	CP 06/13/2007	I.M.

CA - 30 PND SD V - F - 1

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

- NOTES :
- ENVIRONMENTAL : TEMPERATURE RANGE -20 °C TO +85° C.
 - ELECTRICAL :
 RATED : 1.5A @ 40V AC (rms)
 CONTACT RESISTANCE : 20 MILLIOHMS MAXIMUM
 INSULATION RESISTANCE : 1000 MEGOHMS MINIMUM
 DIELECTRIC WITHSTANDING VOLTAGE : 500V AC (rms)
 - MECHANICAL :
 MATING FORCE : 10 LB. (4.5Kg) MAXIMUM
 UNMATING FORCE : 2.2 LB. (1Kg) MINIMUM , 8.8LB. (4Kg) MAXIMUM
 - MATERIAL :
 HOUSING : GLASS FILLED THERMOPLASTIC , BLACK, UL 94V-0
 CONTACT : PHOSPHOR BRONZE
 SHELL : ZINC ALLOY , TIN OVER NICKEL PLATED
 BOARD LOCK : COPPER ALLOY , TIN PLATE
 - 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)
 - MANUFACTURED UNDER LICENSE FROM MOLEX INC.

DIMENSIONS ARE IN INCHES TOLERANCES ARE :	DRAWN	James Chang	01/17/02	CIRCUIT ASSEMBLY ASIA NO. 198-1F, ZHONG-ZHENG 5 STR., TAOYUAN, TAIWAN
	CHECKED	Jesse Mol	01/17/02	
	APPROVALS	William Wu	01/17/02	
DECIMALS XX ± .010 .XXX ± .005	ANGLES ± 3°	THE INFORMATION AND DESIGN DISCLOSED HEREIN WAS ORIGINATED BY AND IS THE PROPERTY OF CIRCUIT ASSEMBLY CORPORATION. CIRCUIT ASSEMBLY CORPORATION RESERVES ALL PATENT, PROPRIETARY, DESIGN, MANUFACTURING, REPRODUCTION, USE AND SALES RIGHTS THERE TO, AND TO ANY ARTICLE DISCLOSED HEREIN EXCEPT TO THE EXTENT RIGHTS ARE EXPRESSLY GRANTED TO OTHERS. THE FOREGOING DOES NOT APPLY TO VENDOR PROPRIETARY RIGHTS.		
DIMENSIONS IN BRACKETS [X.XX] ARE IN MILLIMETERS TOLERANCES ARE :		FEMALE P&D CONNECTOR, VERTICAL DIGITAL - CA-30PNDSDV-F-1 "ROHS COMPLIANT"		
DECIMALS X ± .25 .XX ± .13	ANGLES ± 3°	SIZE: C A4	DRAWING NO. T610043	REV. C
DO NOT SCALE DRAWING		SCALE: 2:1	SHEET: 1 OF 1	FILE PATH: T610043C.DWG