This drawing involves proprietary design rights of Tyco Electronics Corporation, and all design, manufacture, reproduction, use and sale rights regarding the same are expressly reserved. It is submitted for a specific purpose and the recipient by accepting this drawing, assumes custody and control and agrees to take reasonable precautions; (a) that this drawing will not be copied and reproduced in whole or in part, or its contents revealed in any manner, or to any person except to meet the purpose for which it was delivered and (b) that any special features peculiar to this design will not be incorporated in other projects without the expressed written permission of Tyco Electronics Corporation. NOTES: UNLESS OTHERWISE SPECIFIED. 1. PART NUMBER CHANGES AND OR DESIGN CHANGES AFFECTING ITEM INTERCHANGEABILITY REQUIRE PRIOR ELCON APPROVAL AND AUTHORIZATION BY REVISION TO THIS DRAWING. 2. MATERIALS: INSULATORS: THERMOPLASTIC, GLASS REINFORCED, COLOR BLACK. UL94V-0 FLAMMABILITY RATED. SOLDER SIGNAL PIN: BRASS ALLOY. POWER CONTACTS: PHOSPHOR BRONZE ALLOY, COPPER ALLOY. CROWN BANDS: BERYLLIUM COPPER ALLOY. 3. FINISHES: CONTACTS: GOLD PLATED PER MIL-G-45204 TYPE II, CLASS 0, .000030" MIN. THK, DVER NICKEL PER QQ-N-290, CLASS 2, .000040" MIN. THICKNESS. TERMINALS: TIN PLATED, MATTE FINISH, .000100" MINIMUM THICKNESS. /4\ MOUNTING FLANGES ACCEPT M3 OR #4-40 SCREWS, (USER SUPPLIED). 5. ITEMS PROVIDED TO THIS SPECIFICATION TO BE PERMANENTLY IDENTIFIED PER THE FOLLOWING IDENTIFIER: TYCO PART NO. DATE CODE (e.g. 0522) l xxxx

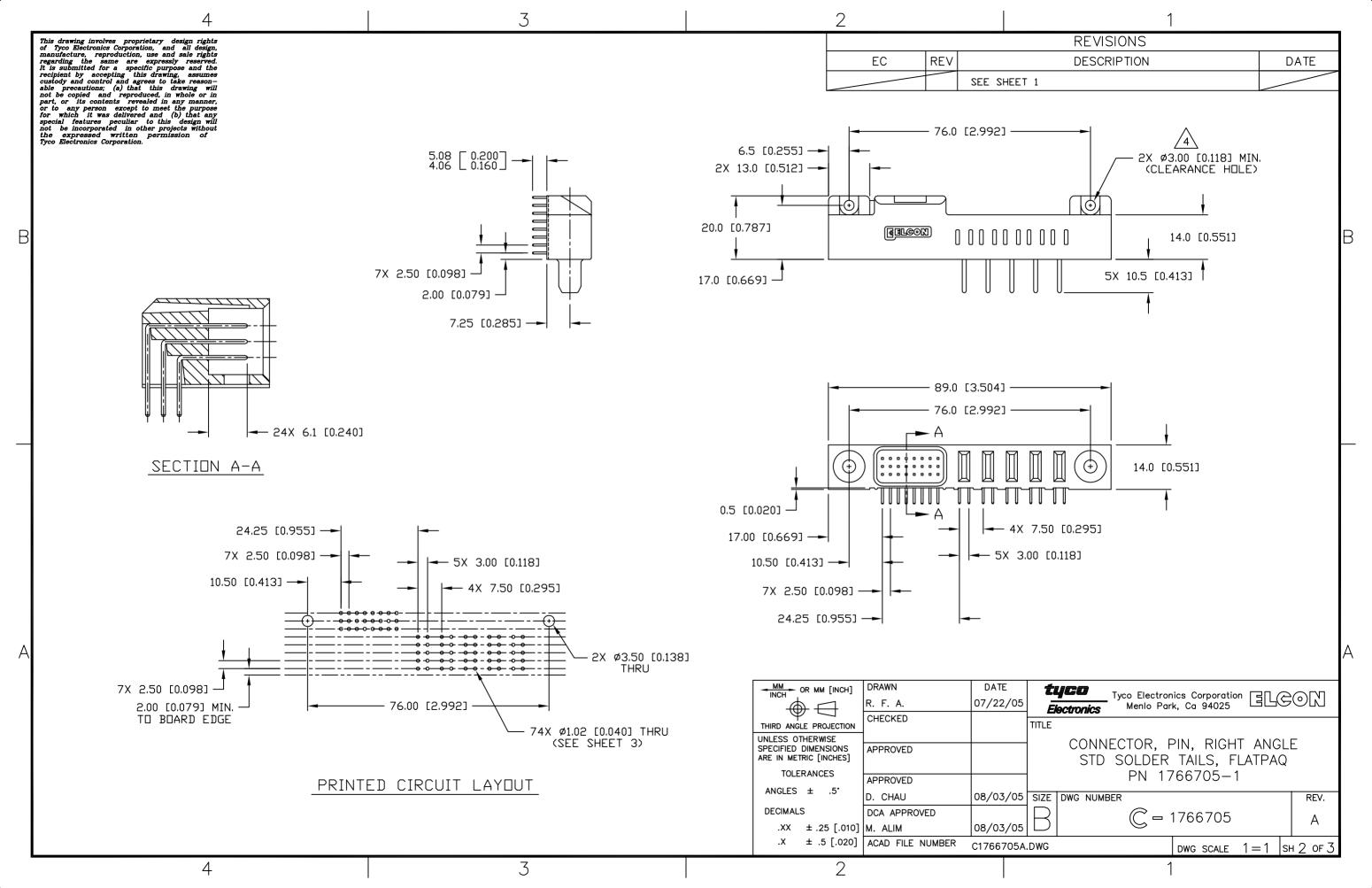
| | | REVISIONS | |
|-----|-----|-------------|----------|
| EC | REV | DESCRIPTION | DATE |
| CPR | Α | NEW RELEASE | 07/26/05 |

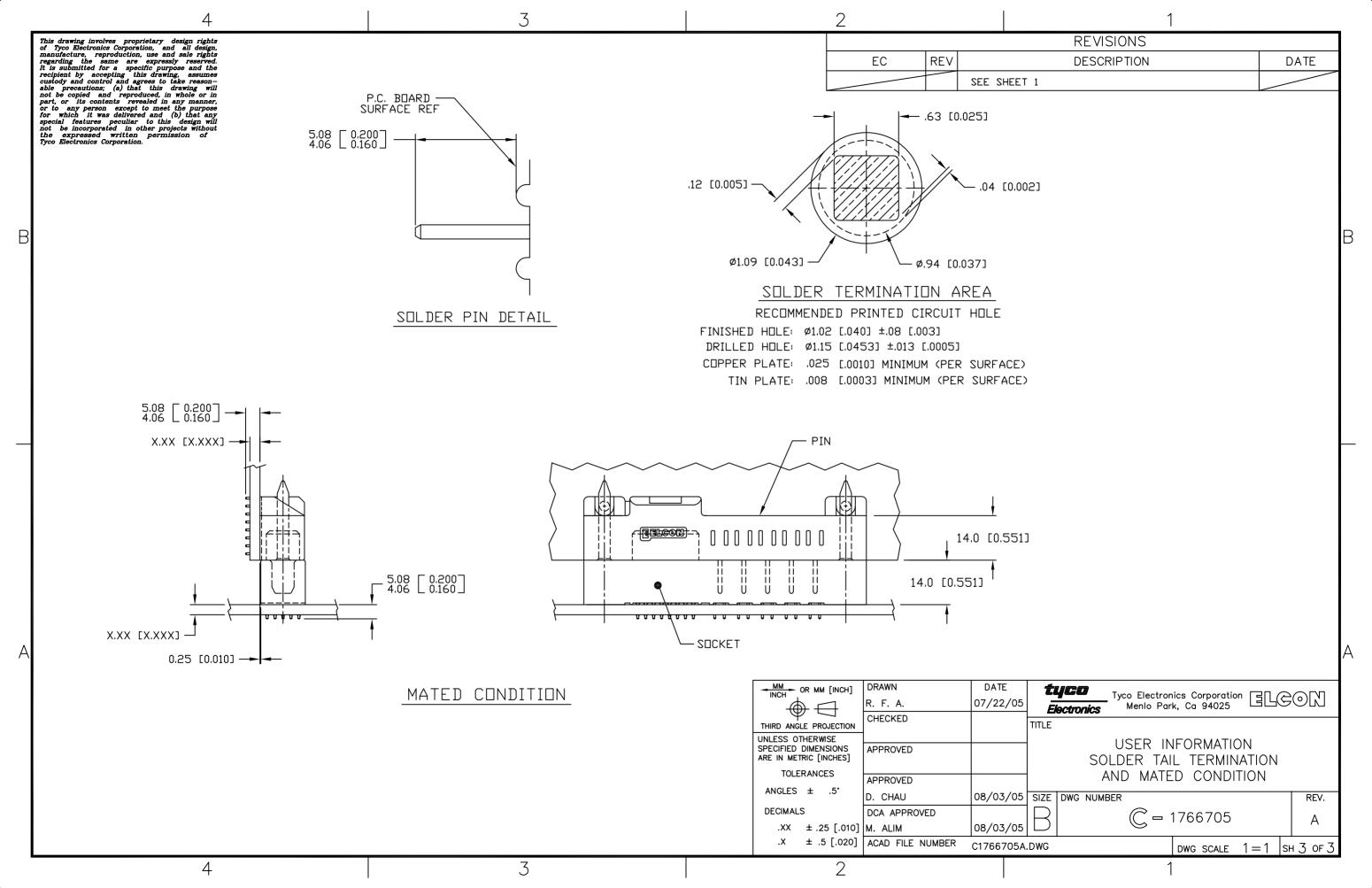
6. MODULE INFORMATION

| CONNECTOR | TYCO PART NUMBER | CATALOG MODULE # | SIZE ND. | CONTACT QTY | MATING PIN | MAX. CURRENT (PER CONTACT) | CONTACT SPACING | V□LTAGE RATING* |
|-----------|---------------------|---------------------|--------------------------|----------------|------------------------------|-------------------------------|--------------------|--------------------|
| PIN | 1766705-1 | FP711 | 8 | 5 | 1.25 X 7.00 [.049 X .276] | 35 AMPERES | 7.50 [.2953] | 250 VOLTS |
| | | | 22 | 24 | .64 [.025] SQ. | 3 AMPERES | 2.50 [.0984] | 125 VOLTS |
| | | | RIGHT ANGLE GUIDE SOCKET | | | | | |

*IAW IEC-950

| MM OR MM [INCH] | I [INCH] DRAWN | | tyco Tyco Electronics Corporation CD (AC) | | | | | |
|---|------------------|-----------|---|--------|--|--|--|--|
| | R. F. A. | 07/22/05 | Tyco Electronics Corporation Flectronics Tyco Electronics Tyco | | | | | |
| THIRD ANGLE PROJECTION | CHECKED | | TITLE | | | | | |
| UNLESS OTHERWISE | | | | | | | | |
| SPECIFIED DIMENSIONS ARE IN METRIC [INCHES] | APPROVED | | CONNECTOR, PIN, RIGHT ANGLE | | | | | |
| | | | STD SOLDER TAILS, FLATPAQ | | | | | |
| TOLERANCES | APPROVED | | PN 1766705-1 | | | | | |
| ANGLES ± .5° | D. CHAU | 08/03/05 | SIZE DWG NUMBER | REV. | | | | |
| DECIMALS | DCA APPROVED | | \square = 1766705 | Α | | | | |
| .XX ± .25 [.010] | | 08/03/05 | | A | | | | |
| .X ± .5 [.020] | ACAD FILE NUMBER | C1766705A | .DWG DWG SCALE $1 = 1$ SH | 1 of 3 | | | | |





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