



- △ POSITION TOLERANCE APPLIES AT CONTACT TIP.
- △ POSITION NUMBERS SHOWN FOR REFERENCE ONLY.
- △ MATERIAL
HOUSING: POLYESTER, UL 94V-0 RATED, BLACK.
SHELL: CARBON STEEL.
CONTACTS: PHOSPHOR BRONZE.
BRACKET: ZINC.
- △ FINISH
SHELL: 5.08µm [.000200] MIN NICKEL OVER 1.27µm [.000050] MIN COPPER.
BRACKET: 5.08µm [.000200] MIN TIN OVER 5.08µm [.000200] MIN COPPER.
CONTACTS: EITHER 0.76µm [.000030] MIN GOLD PLATE FOR A LENGTH OF 0.64 [.025] MIN, 0.13 [.005] MAX FROM MATING END, OR GOLD FLASH PLATED OVER PALLADIUM NICKEL PLATE, 0.76µm [.000030] MIN TOTAL FOR A LENGTH OF 0.64 [.025] MIN, 0.13 [.005] MAX FROM MATING END. 3.81µm [.000150] MIN TIN ON SOLDER POST, BOTH OVER 1.27µm [.000050] MIN NICKEL UNDERPLATE.
- △ ACTUAL HOLE SIZE WILL DEPEND ON TRACE ROUTING REQUIREMENTS BETWEEN HOLES AND CONNECTOR PLACEMENT TECHNIQUE.
- △ LOCATION OF HOLD DOWN POSTS (8 PLACES).
- △ THE RETENTIVE FEATURE OF THIS CONTACT WAS DESIGNED TO BE USED FULLY SEATED IN A CIRCUIT BOARD HAVING A THICKNESS OF 1.57 ± 0.18 [.062 ± .007]. FOR CONTACTS HAVING RETENTIVE FEATURES DESIGNED FOR USE IN CIRCUIT BOARDS OF OTHER THICKNESSES CONTACT AMP INCORPORATED.

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|------------|-----------|
| 50 | 5750927-5 |
| NO OF POSN | PART NO |

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| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DRN G. ATTADIA - 02-24-05 | Tyco Electronics Tyco Electronics Corporation Harrisburg, PA 17105-3608 |
| DIMENSIONS: mm [INCHES] | | CHK S. SHUEY 02-24-05 | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APRD M. WALMSLEY 02-24-05 | NAME |
| 0 PLC | ± - | PRODUCT SPEC | RECEPTACLE ASSEMBLY, VERTICAL, WITH COMBO STANDOFF/SOLDER POSTS, SHIELDED, .050 SERIES AMPLIMITE |
| 1 PLC | ± - | APPLICATION SPEC | SIZE |
| 2 PLC | ± 0.13 [.005] | WEIGHT | CAGE CODE |
| 3 PLC | ± - | CUSTOMER DRAWING | DRAWING NO |
| 4 PLC | ± - | SCALE | RESTRICTED TO |
| ANGLES | ± - | 4:1 | A1 00779 |
| FINISH | △ | SHEET | 5750927 |
| | | 1 OF 1 | REV B |