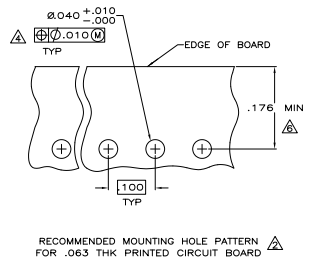
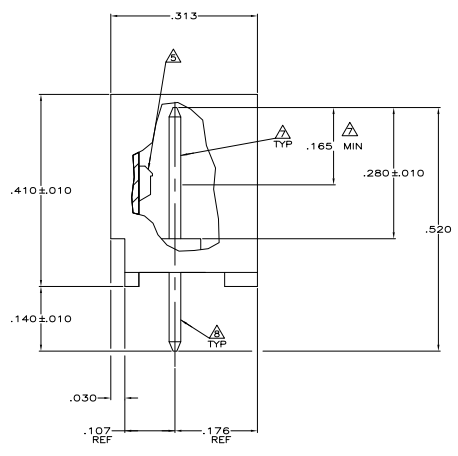
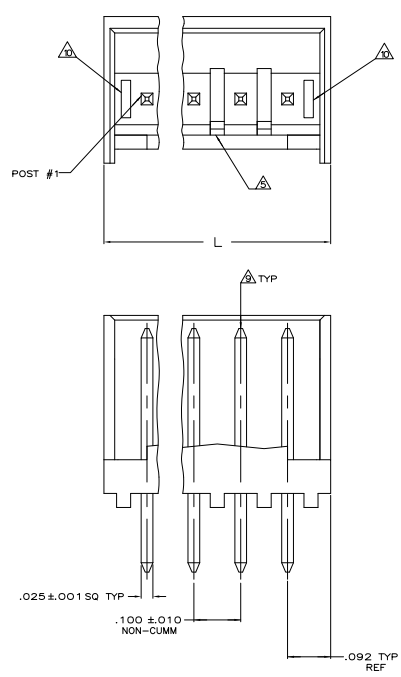


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| REV | DATE | DESCRIPTION | BY | CHK | APP |
|-----|------|---------------------------|----|-----|-----|
| 00 | | | | | |
| 01 | | REVISED PER EDR 10-023658 | JR | JR | SM |



- △ MATERIAL: HEADER - POLYESTER UL94V-0 (BLACK)
 POST - COPPER ALLOY.
- △ SOLDER SIDE OF P.C. BOARD SHOWN.
- 3. PARTS COMPLY WITH TYCO ELECTRONICS SOLDERABILITY SPEC 109-11-2 (TIN-LEAD) OR 109-11-12 (TIN).
- △ ONE HOLE MAY BE UNDERSIZED (.032-.035 DIA) FOR ASSEMBLY RETENTION DURING WAVE SOLDERING.
- △ LATCH DETENT FEATURE OCCURS 2 PLACES ON EACH END (MAXIMUM OF FOUR PER PART). FOR 2 THRU 5 CIRCUIT HEADERS, LATCH FEATURE OCCURS BETWEEN EACH CIRCUIT.
- △ COORDINATE DIMENSION APPLIES FROM CENTER OF ACTUAL FEATURE.
- △ GOLD PLATE .00030 MIN. FOUR SIDES AS SHOWN, OVER NICKEL UNDERPLATE, .00050 MIN, ALL SIDES AND ENTIRE LENGTH OF POST.
 OR
 GOLD FLASH OVER PALLADIUM-NICKEL, .00030 MIN TOTAL THICKNESS AS SHOWN, OVER NICKEL UNDERPLATE, .00050 MIN ALL SIDES AND ENTIRE LENGTH OF POST. EITHER PLATING MAY BE PROVIDED AT THE DISCRETION OF TYCO ELECTRONICS.
- △ TIN-LEAD (93/7) PLATING, ALL FOUR SIDES, .140 REF.
- △ POST MUST WITHSTAND 3.0 LBS (13.34 NEWTONS) MIN FORCE WITHOUT DISLODGING, EITHER DIRECTION.
- △ SLOTS MAY OR MAY NOT APPEAR ON THESE PARTS.
- △ MATTE TIN (100%) PLATE, ALL FOUR SIDES, .140 REF.
- 12 UL RECOGNIZED (UR) LOGO AND CSA LOGO WILL APPEAR ON THE SIDE OF THE PART OR ON THE BOTTOM OF THE PART.

| IN | MM | NO OF POSITIONS | PART NUMBER |
|-------|-------|-----------------|-------------|
| 1.484 | 37.69 | 14 | 4-644896-4 |
| 1.284 | 32.61 | 12 | 4-644896-3 |
| 1.184 | 30.07 | 11 | 4-644896-2 |
| 1.084 | 27.53 | 10 | 4-644896-1 |
| .984 | 24.99 | 9 | 3-644896-9 |
| .884 | 22.45 | 8 | 3-644896-8 |
| .784 | 19.91 | 7 | 3-644896-7 |
| .684 | 17.37 | 6 | 3-644896-6 |
| .584 | 14.83 | 5 | 3-644896-5 |
| .484 | 12.29 | 4 | 3-644896-4 |
| .384 | 9.75 | 3 | 3-644896-3 |
| .284 | 7.21 | 2 | 3-644896-2 |

| .010 | .025 | .100 | .254 | .520 | 1.321 |
|----------|--------|------|------|------|-------|
| .005 | 0.13 | .092 | 2.34 | .410 | 10.41 |
| .001 | 0.03 | .063 | 1.60 | .313 | 7.95 |
| 0.003500 | 0.0889 | .040 | 1.02 | .280 | 7.11 |
| 0.001500 | 0.0381 | .035 | 0.89 | .176 | 4.47 |
| 0.000500 | 0.0127 | .032 | 0.81 | .165 | 4.19 |
| 0.000300 | 0.0076 | .030 | 0.76 | .140 | 3.56 |
| .000 | 0.00 | .025 | 0.64 | .107 | 2.72 |
| IN | MM | IN | MM | IN | MM |



THIS DRAWING IS A CONTROLLED DOCUMENT.

REV: 00
 DATE: 10/20/08
 BY: JRS
 CHK: JRS
 APP: SM

TYCO ELECTRONICS CORPORATION
 HARRISBURG, PA 17105-3008

CS1-100 SHROUDED HEADER ASSEMBLY,
 FRICTION LOCK, STRAIGHT POST,
 .000003 GOLD

SIZE: A1
 DATE: 10/20/08
 DRAWING NO: 000003
 PART NO: 644896

CUSTOMER DRAWING