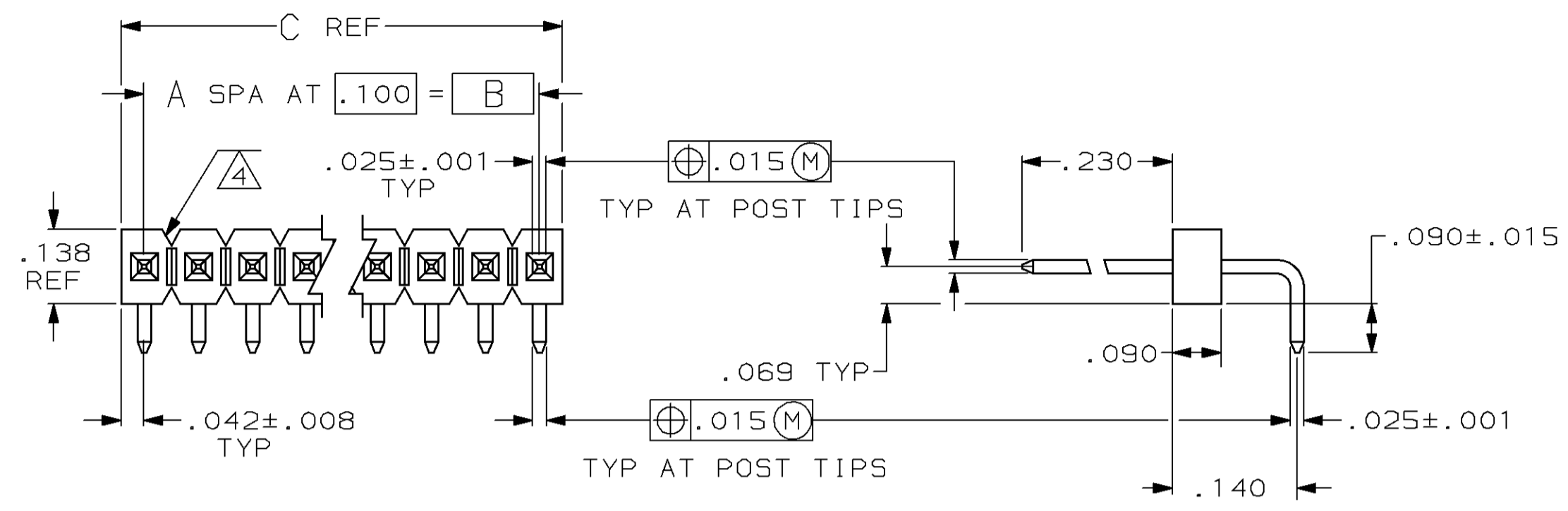


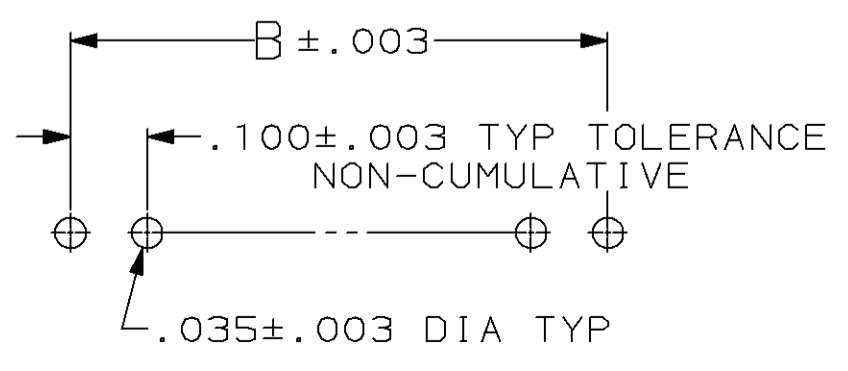
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| REVISIONS | | | | | | |
|-----------|---|------|-----|-----------------|---------|----------|
| P | F | ZONE | LTR | DESCRIPTION | DATE | APPROVED |
| | | | E | EC 0010-1601-95 | 2/20/97 | GD |



| | | 3.984 | 3.900 | 39 | 40 | 4 -103759- 0 |
|----------|--|-------|-------|----|-----------|----------------------|
| OBSOLETE | | 3.884 | 3.800 | 38 | 39 | 3 - -9 |
| OBSOLETE | | 3.784 | 3.700 | 37 | 38 | 3 - -8 |
| OBSOLETE | | 3.684 | 3.600 | 36 | 37 | 3 - -7 |
| OBSOLETE | | 3.584 | 3.500 | 35 | 36 | 3 - -6 |
| | | 3.484 | 3.400 | 34 | 35 | 3 - -5 |
| OBSOLETE | | 3.284 | 3.300 | 33 | 34 | 3 - -4 |
| OBSOLETE | | 3.284 | 3.200 | 32 | 33 | 3 - -3 |
| OBSOLETE | | 3.184 | 3.100 | 31 | 32 | 3 - -2 |
| OBSOLETE | | 3.084 | 3.000 | 30 | 31 | 3 - -1 |
| | | 2.984 | 2.900 | 29 | 30 | 3 - -0 |
| OBSOLETE | | 2.884 | 2.800 | 28 | 29 | 2 - -9 |
| OBSOLETE | | 2.784 | 2.700 | 27 | 28 | 2 - -8 |
| OBSOLETE | | 2.684 | 2.600 | 26 | 27 | 2 - -7 |
| OBSOLETE | | 2.584 | 2.500 | 25 | 26 | 2 - -6 |
| | | 2.484 | 2.400 | 24 | 25 | 2 - -5 |
| OBSOLETE | | 2.384 | 2.300 | 23 | 24 | 2 - -4 |
| OBSOLETE | | 2.284 | 2.200 | 22 | 23 | 2 - -3 |
| OBSOLETE | | 2.184 | 2.100 | 21 | 22 | 2 - -2 |
| OBSOLETE | | 2.084 | 2.000 | 20 | 21 | 2 - -1 |
| | | 1.984 | 1.900 | 19 | 20 | 2 - -0 |
| OBSOLETE | | 1.884 | 1.800 | 18 | 19 | 1 - -9 |
| OBSOLETE | | 1.784 | 1.700 | 17 | 18 | 1 - -8 |
| OBSOLETE | | 1.684 | 1.600 | 16 | 17 | 1 - -7 |
| OBSOLETE | | 1.584 | 1.500 | 15 | 16 | 1 - -6 |
| | | 1.484 | 1.400 | 14 | 15 | 1 - -5 |
| | | 1.384 | 1.300 | 13 | 14 | 1 - -4 |
| | | 1.284 | 1.200 | 12 | 13 | 1 - -3 |
| | | 1.184 | 1.100 | 11 | 12 | 1 - -2 |
| | | 1.084 | 1.000 | 10 | 11 | 1 - -1 |
| | | .984 | .900 | 9 | 10 | 1 - -0 |
| | | .884 | .800 | 8 | 9 | -9 |
| | | .784 | .700 | 7 | 8 | -8 |
| | | .684 | .600 | 6 | 7 | -7 |
| | | .584 | .500 | 5 | 6 | -6 |
| | | .484 | .400 | 4 | 5 | -5 |
| | | .384 | .300 | 3 | 4 | -4 |
| | | .284 | .200 | 2 | 3 | -3 |
| | | .184 | .100 | 1 | 2 | -2 |
| | | .084 | — | — | 1 | 103759- 1 |
| | | C | B | A | NO OF POS | ASSEMBLY PART NUMBER |

- ASSEMBLIES MAY BE BROKEN TO THE DESIRED NUMBER OF POSITIONS
- TRUE POSITION TOLERANCE OF THE POST TIPS APPLIES WHEN THE HEADERS ARE HELD FLAT AGAINST THE PRINTED CIRCUIT BOARD
- .000100-.000200 BRIGHT TIN-LEAD OVER .000050 NICKEL ENTIRE POST
- BREAKAWAY NOTCH ANGLE CAN BE ORIENTED TO THE RIGHT (AS SHOWN) OR TO THE LEFT



RECOMMENDED HOLE LAYOUT

| | | | |
|--|-----------------------------|--|------------------|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON : DECIMALS ± .005 ANGLES ± | CONTRACT NO | AMP INCORPORATED Harrisburg, Pa. | |
| | DR 7/23/85 L. D. RINGLEY | | |
| MATERIAL - HOUSING: FLAME RETARDANT THERMOPLASTIC COLOR-BLACK POSTS: PHOS BRONZE | CHK 7/23/85 R. ELICKER | NAME ASSEMBLY, MOD II, HEADER, BREAKAWAY, SINGLE ROW, RIGHT ANGLE, .100¢, WITH .025 SQUARE POSTS | |
| | APPD 7/23/85 R. ELICKER | SIZE C | FSCM NO 00779 |
| FINISH POSTS | DSGN APPD | DRAWING NO 103759 | |
| | OTHER APPD | SCALE 4:1 | SHEET 1 OF 1 |

Current Brand View

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AMP

AMPMODU

.100 Centerline Through Hole Headers

AMP

103759-1 -- 2 of 9 products

Active

[Active](#)

(Tyco Electronics P/N: 103759-1)

| | | | | |
|--------------------------|----------------------|--------------------------------------|-----------------------------------|--------------------------------------|
| Previous | Next | Sales Information | AMP ACES | Step Search Screen |
| | | Related CAD Geometry | Related Documents | General Information |
| | | | Pricing | Product Availability |

Please use the customer drawing for all design activity.

- Customer Drawing: 103759, Rev. E**
 Document Title: ASSEMBLY, MOD II, HEADER,
 BREAKAWAY, SINGLE ROW, RIGHT ANGLE, .100@22,
 WITH .025 SQUARE POSTS

[198686.pdf](#) [198686.pdf](#) (58K)

The photographs and/or line drawings below are representative images of a product for viewing purposes only.

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Searchable Features:

| | |
|---|-------------|
| Brand: | AMP |
| Header Type: | Breakaway |
| No. of Rows: | Single |
| No. of Positions: | 1 |
| Mount Angle: | Right Angle |
| PCB Retention Feature: | Without |
| Surface Mount Compatible: | No |
| Contact Mating Area Plating: | Tin-Lead |
| Board Standoff: | Without |
| Mounting Ears: | Without |
| Panel Attachment: | No |
| Mating Connector Lock: | Without |
| High Temperature Housing: | No |
| Termination Post Length (mm [in]): | 2.29 [.090] |
| High Speed Serial Data Connector: | No |

Other Properties:

| | |
|--------------------------------------|---|
| Centerline Spacing (mm [in]): | 2.54 [.100] |
| Post Size (mm [in]): | 0.64 [.025] Sq. |
| Mating Post Length (mm [in]): | 5.84 [.230] |
| Contact Material: | Phosphor Bronze |
| Solder Tail Plating: | Tin-Lead over Nickel |
| Housing Material: | Thermoplastic |
| Housing Flammability Rating: | UL 94V-0 |
| Comment: | Headers may be broken to desired number of positions using Hand Tool No. 91406-1, or Tool Kit No. 314818-1. Other tail lengths are available, consult AMP Incorporated. |

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