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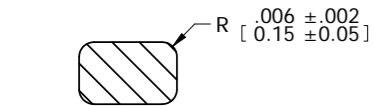
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NOTES: UNLESS OTHERWISE SPECIFIED

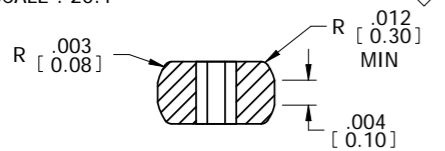
- 1. INTERPRET DRAWING IN ACCORDANCE WITH ANSI Y14.5-1982.
- 2. PART SUPPLIED ON A CONTINUOUS REEL AS SHOWN, QTY OF PINS PER REEL 25,000 ± 15%. FEEDER COMPATIBLE SPLICES PERMITTED, 2 SPLICES MAX PER REEL.
- 3. COMPLIANT TIPS ARE BARE AT CUT-OFF.
- 4. .010 [0.25] MAX RADII AND FILLET.
- 5. TRUE POSITION REQUIREMENTS TO BE VERIFIED UTILIZING GAGE F23-1044-10.
- 6. ASSEMBLY DIMENSIONS ARE MEASURED IN A RESTRAINED STATE
- 7. HEADER SIZES CUT FROM A REEL ARE PACKAGED IN BULK. SEE TABLE FOR QTY.
- 8. CONSULT AUTOSPlice FOR INSERTION TOOLING.
- 9. DIMENSION REQUIRED ON CONTROL PLAN ONLY, NO Cpk, OR SPC REQUIRED.
- 10. RAISED CAVITY IDENTIFICATION MARK IN EVERY OTHER POSITION, IN LOCATION SHOWN.
- 11. PIN RETENTION TO BE 2.25 LBS. [10 N] MIN, IN DIRECTION SHOWN.
- 12. FORCE TO PUSH PIN THROUGH INSULATOR; 15.75 LBS. [70 N] MIN, IN DIRECTION SHOWN.

13. RECOMMENDED .062" THICK PC BOARD HOLE:  
 DRILLED HOLE - Ø .0453±.0010 [1.151±0.025]  
 COPPER PLATED HOLE - Ø .0410±.0020 [1.041±0.051]  
 TIN/LEAD PLATED HOLE - Ø .040±.003 [1.02±0.08]

DRILLED HOLE - Ø .0453±.0010 [1.151±0.025]  
 COPPER PLATED HOLE - Ø .0410±.0020 [1.041±0.051]  
 NICKEL PLATED HOLE - Ø .040±.002 [1.02±0.08]  
 GOLD PLATED HOLE - Ø .040±.002 [1.02±0.05]



**SECTION A-A**  
SCALE: 20:1

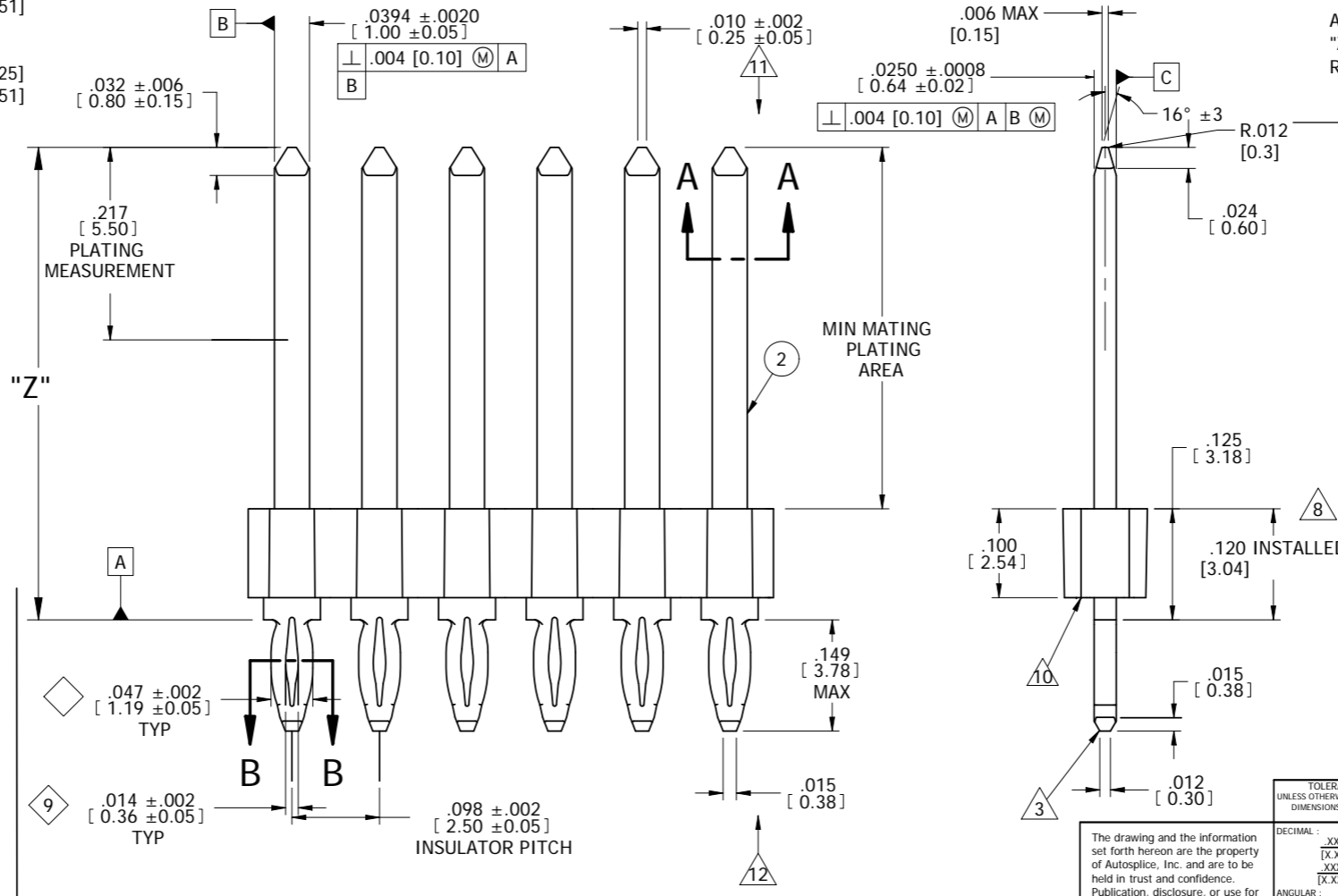
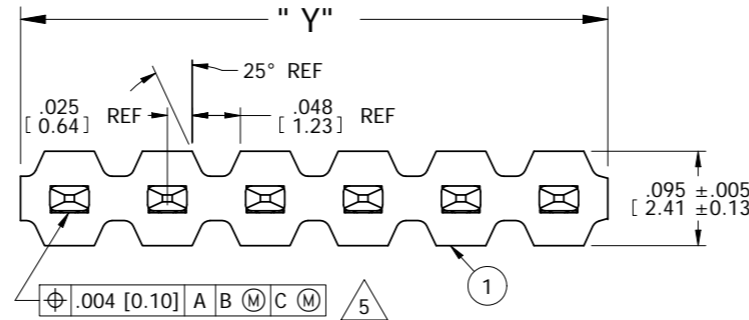


**SECTION B-B**  
SCALE: 20:1



2 REELED HEADER ORIENTATION

| A/S PART NO.   | TOTAL NO. OF PINS | Y            | +0.013/-0.026<br>[+0.34/-0.66] | QTY PER PACKAGE |
|----------------|-------------------|--------------|--------------------------------|-----------------|
| 23-1044R00□□□□ | REELED            | -            | -                              | 25,000 ± 15%    |
| 23-1044R04□□□□ | 4                 | .393 [10.00] |                                | 2,000 ± 15%     |
| 23-1044R05□□□□ | 5                 | .492 [12.50] |                                | 2,000 ± 15%     |
| 23-1044R06□□□□ | 6                 | .591 [15.00] |                                | 1,000 ± 15%     |
| 23-1044R08□□□□ | 8                 | .787 [20.00] |                                | 1,000 ± 15%     |



**PART NUMBER / ORDERING CODE**

23-1044 R 00 □ □ □ □

**TYPE**  
1 ROW .980 [2.50] CENTERS

**RECT. PIN COMPLIANT**  
.025 X .0394 [0.64] [1.00]

**TOTAL NO. OF POS**  
00 = CONTINUOUS REEL  
CUT HEADER SIZES: 2 TO 20 POSITIONS BULK PACKAGED IN POLYBAG (SEE TABLE FOR QTY)

**FINISH**  
"AA" = 40µ" [1.02µm-3.05µm] Sn/Pb 90/10 OVER 50µ" [1.27µm] MIN Ni.

"T1" = MATING PLATING AREA: 40µ" [1.02µm] MIN MATTE Sn (Pb FREE) OVER 80µ" [2.03µm] MIN Ni.  
ALL OVER: 12µ" [0.30µm] MIN MATTE Sn (Pb FREE) OVER 80µ" [2.03µm] MIN Ni.

**DIMENSIONS**

| CODE | "Z"          |
|------|--------------|
| A1   | .419 [10.65] |
| A2   | .437 [11.10] |
| A3   | .531 [13.50] |

ADDITIONAL PIN SIZES & LENGTHS UP TO "Z" = 1.575 [40.00] CAN BE MADE UPON REQUEST.

**MATERIAL:**

1 **INSULATOR:**

DUPONT CRASTIN SK605 NC010, 30% GF THERMOPLASTIC POLYESTER, FLAMMABILITY RATED: UL 94HB COLOR: NATURAL

2 **PIN:**

C42520 COPPER ALLOY  
85 KSI - 95 KSI TENSILE STRENGTH

**FINISH:**

SEE PART NO. / ORDERING CODE

**CONFIDENTIAL CUSTOMER DRAWING**

|   |  |                                      |               |  |                  |
|---|--|--------------------------------------|---------------|--|------------------|
| TOLERANCES UNLESS OTHERWISE SPECIFIED DIMENSIONS IN INCHES (mm) |  | autosplice®                          |               | Autosplice, Inc. 10121 Barnes Canyon Rd. San Diego, CA 92121-2725 658-535-0077 |                  |
| DECIMAL:  | .XX = ±.01<br>[X.X] ±[0.3]<br>.XXX = ±.004<br>[X.XX] ±[0.10] | THIRD ANGLE PROJECTION               | DRAWN BY      | Pete   | DATE             |
| ANGULAR:  | ± 5°   |                                      | ENGINEERED BY | PVB  | DATE             |
| TITLE   |  | AUTOHEADER™, 1 ROW, .098 [2.50] CTRS |               |  |                  |
| SIZE  | C  | FCGM NO.                             | OAE89         | DRAWING NUMBER   | C23-1044□□□□□□□□ |
| SCALE   | 8:1  | SAD NO.                              | C23-1044.dft  | MODEL NO.  | 23-1044.asm      |
| DENOTES SPECIAL CHARACTERISTIC                                  |  | REVISION                             |               | D  |                  |

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