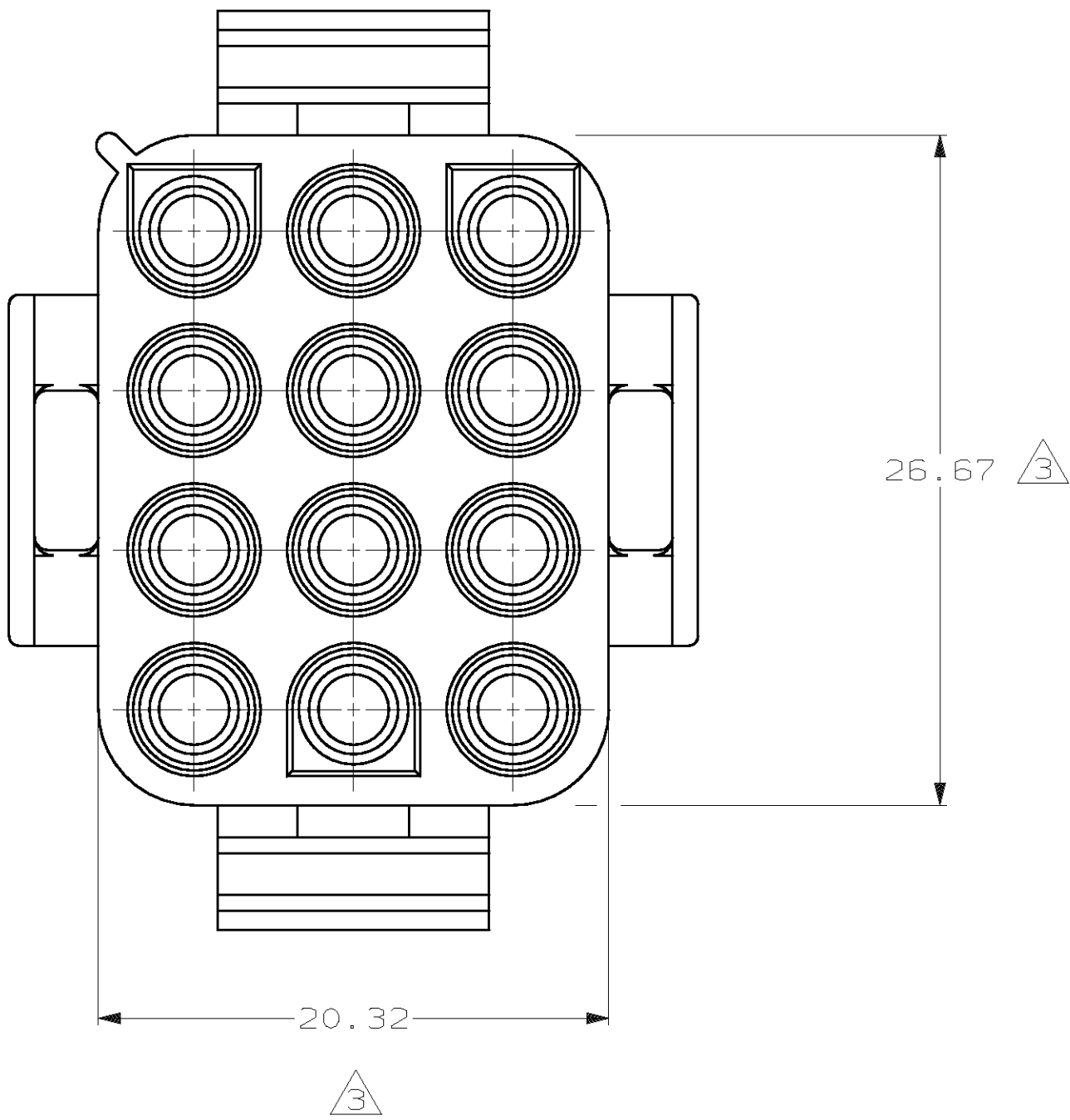
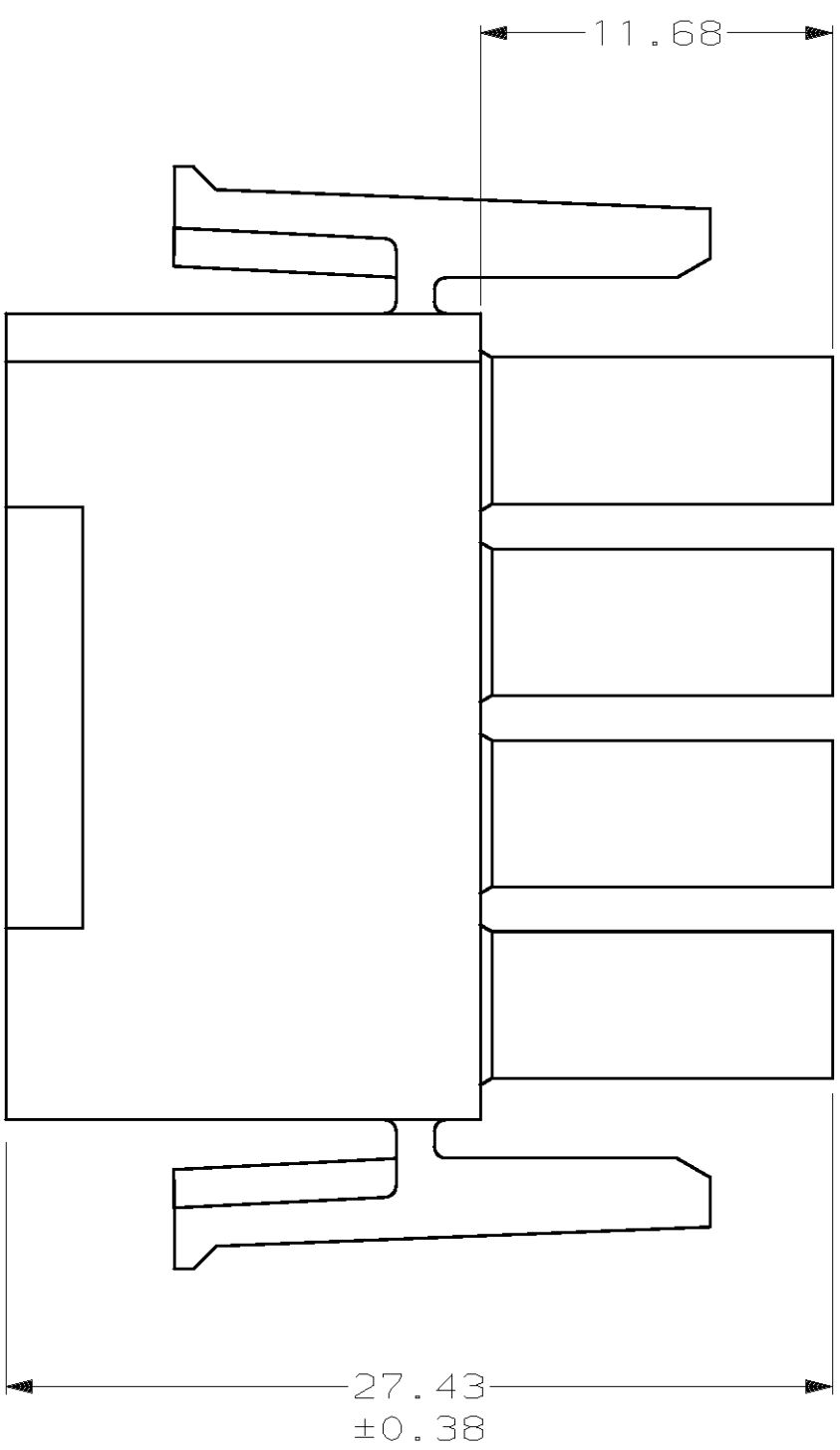
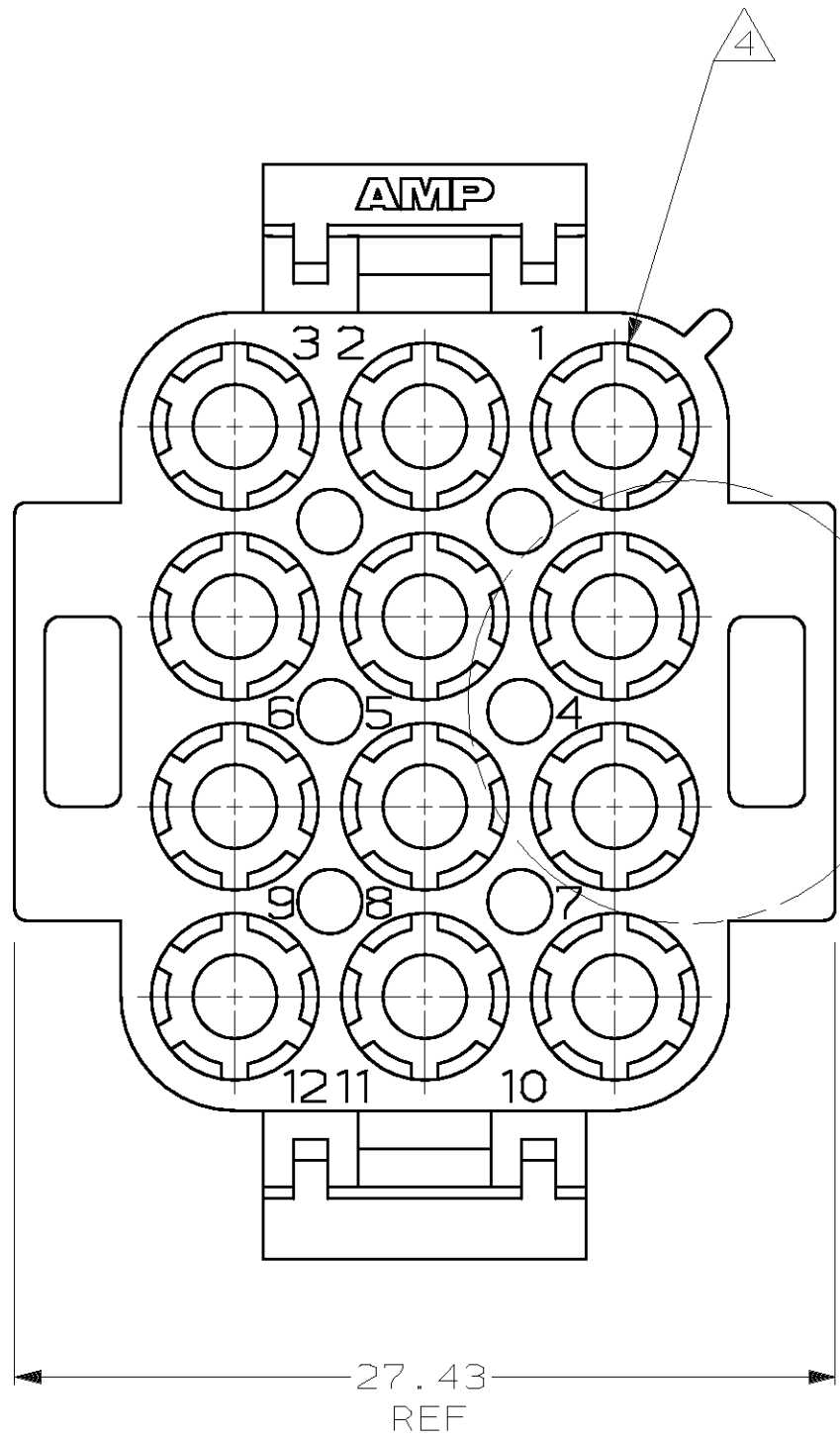
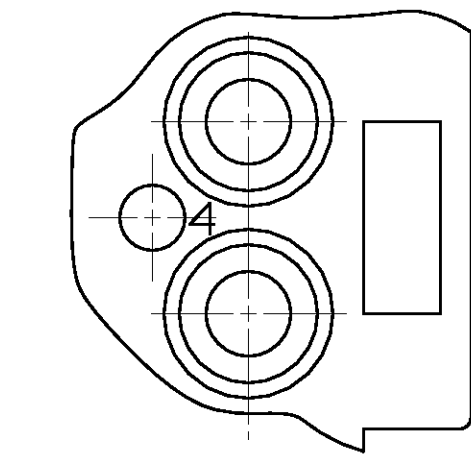
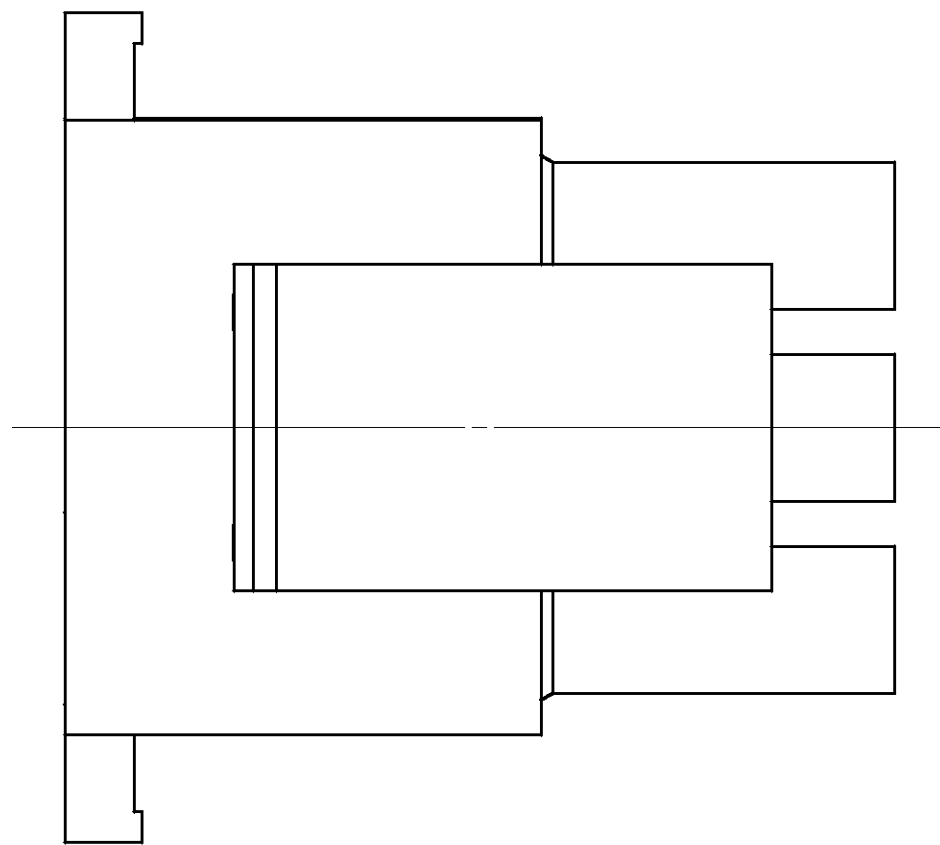


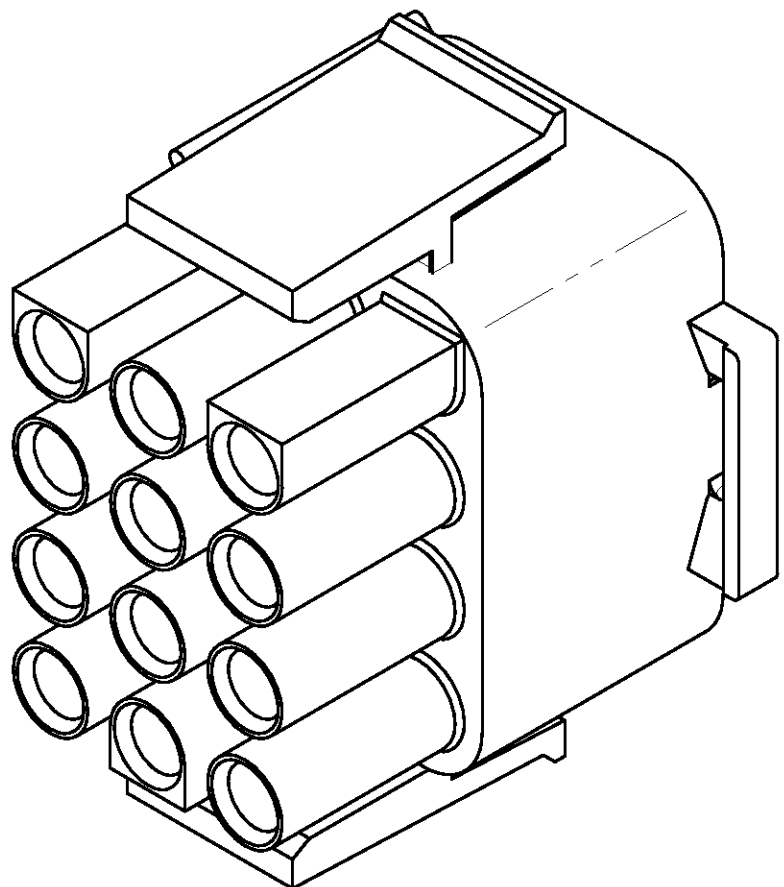
| LOC |  | DIST |   |   | REVISIONS |     |                                 |        |      |    |
|-----|--|------|---|---|-----------|-----|---------------------------------|--------|------|----|
| CM  |  | 53   | P | F | ZONE      | LTR | DESCRIPTION                     | DATE   | APPD |    |
|     |  |      |   |   |           | AG  | 0B5-12 8-19 PER EC 0730-0137-96 | 7-1-97 | JH   | R5 |



- MATES WITH APPROPRIATE UNIVERSAL MATE-N-LOK™ CAP OR HEADER.
  - SMALL NICKS ARE PERMITTED ON THE CIRCUIT TOWERS WHICH COULD INCREASE THE INITIAL HOUSING MATING FORCE BY UP TO 4.4 NEWTONS [1.0 LBS]. NO INDIVIDUAL NICKED TOWER SHALL INCREASE THIS FORCE BY OVER 2.2 NEWTONS [0.5 LBS].
- △3 DIMENSION INDICATED IS AS MOLDED. ADDITIONAL GROWTH DUE TO SUBSEQUENT MOISTURE ABSORPTION MAY OCCUR.
- △4 SIX RIBS EQUALLY SPACED, NO SPECIFIC ORIENTATION.



DETAIL A  
OPTIONAL CONSTRUCTION



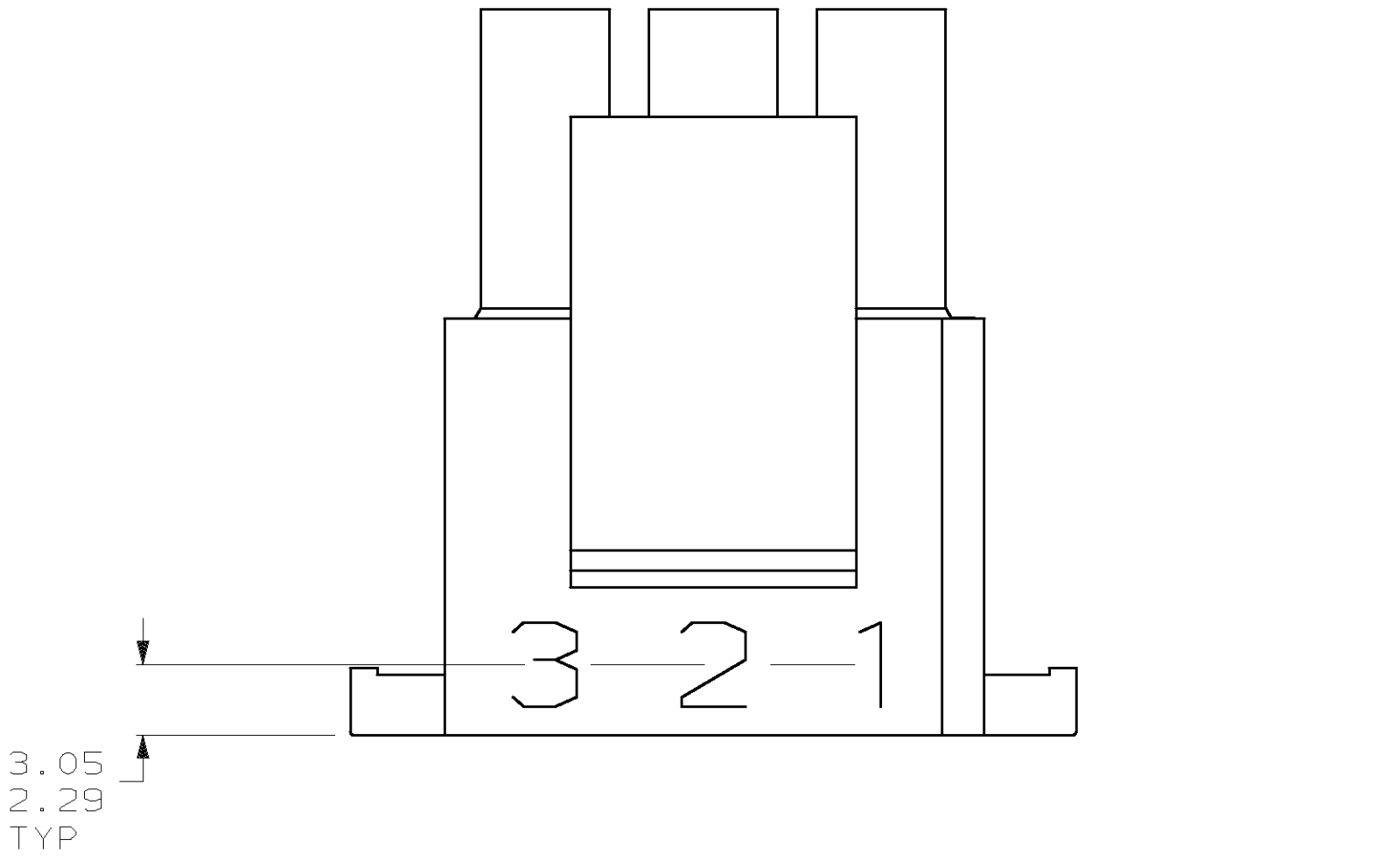
3-DIMENSIONAL MODEL  
NTS

|                  |       |
|------------------|-------|
| 27.43            | 1.080 |
| 26.67            | 1.050 |
| 20.32            | .800  |
| 11.68            | .460  |
| 0.38             | .015  |
| 0.13             | .005  |
| MM               | IN    |
| CONVERSION TABLE |       |

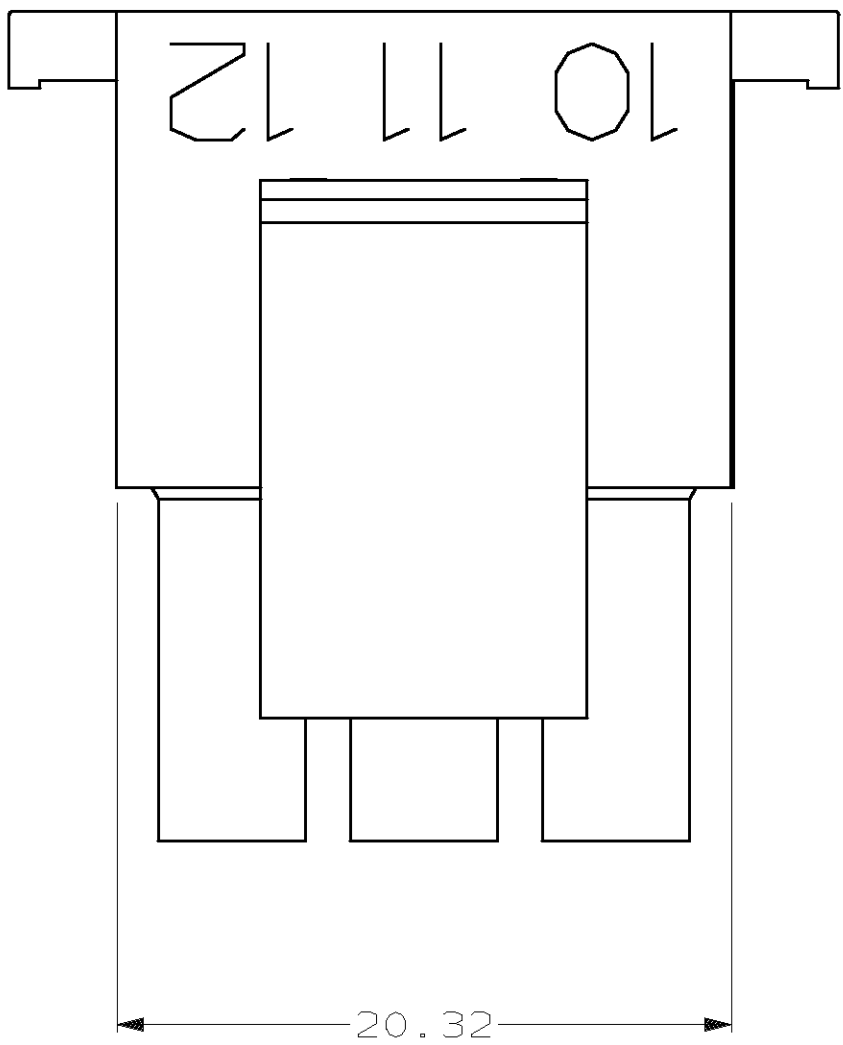
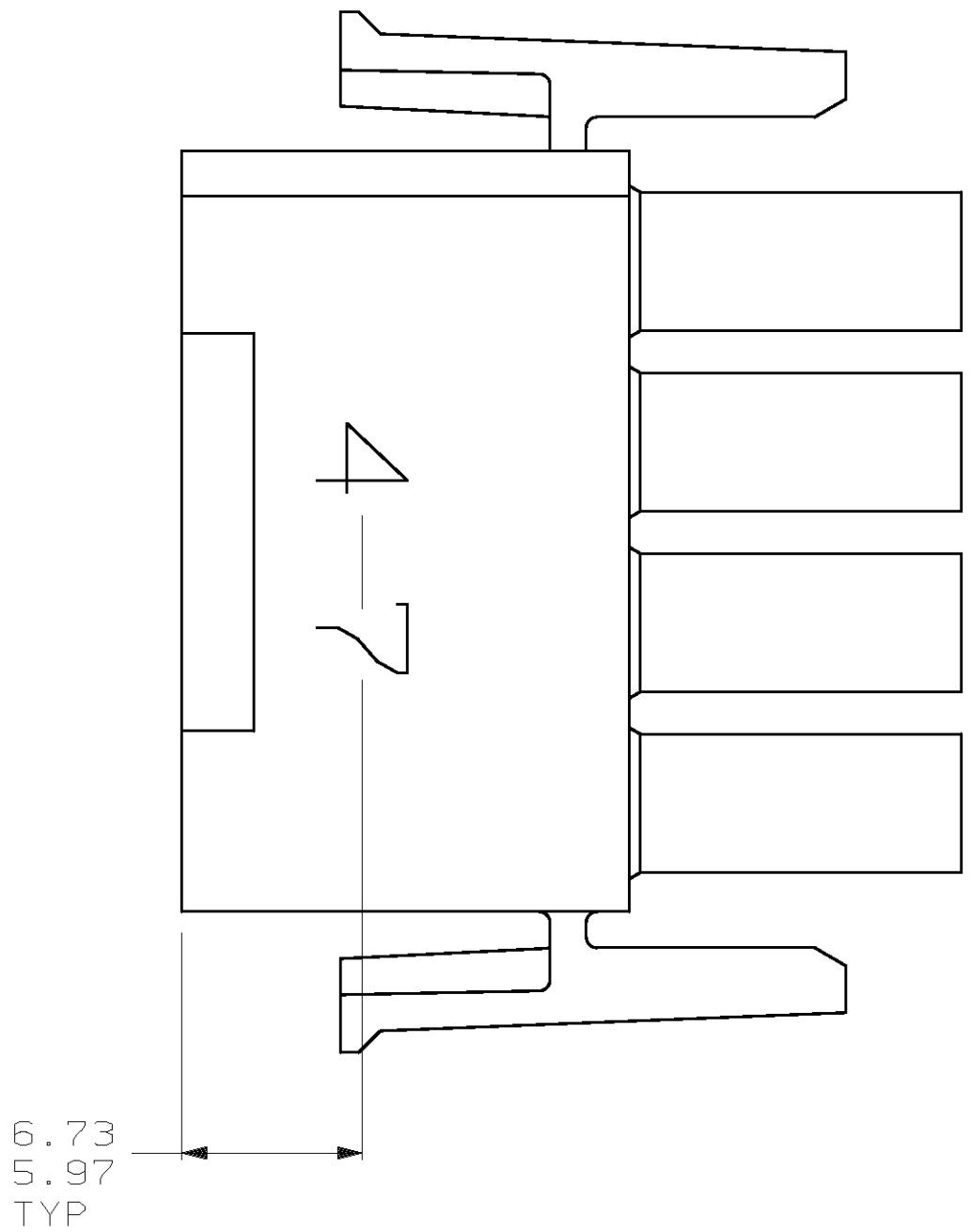
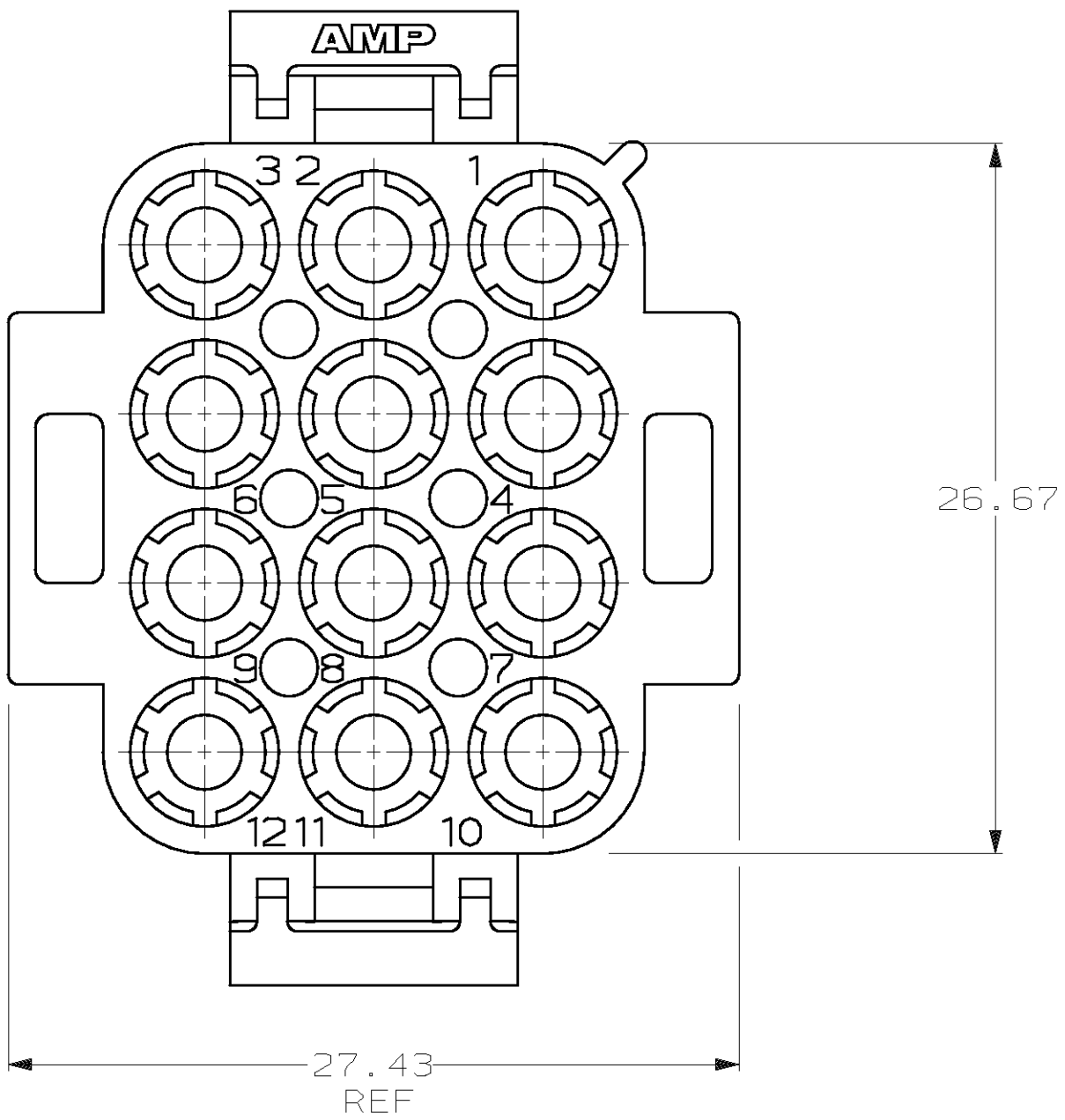
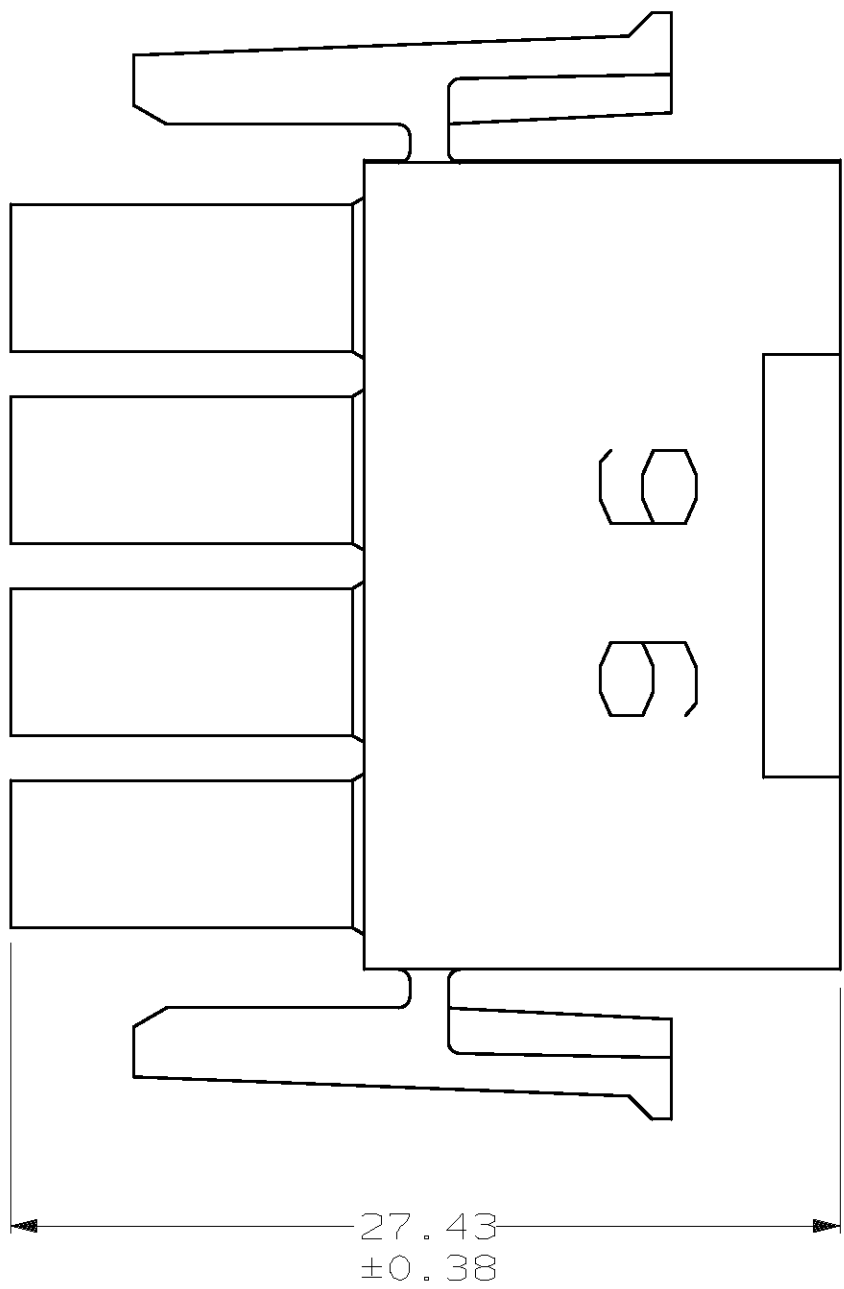
METRIC

|                                                                                                                              |  |                                                                                                                                                    |  |                                                                                    |  |                                   |  |
|------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------|--|-----------------------------------|--|
| DO NOT SCALE PRINT. UNLESS SPECIFIED DIMENSIONS IN mm [INCHES] TOLERANCES ON: 2 PLC DEC ± 0.13 3 PLC DEC ± .  ANGLES ± 0°30' |  | DR 2-17-92 K. WHITAKER<br>CHK 2-17-92 R. SWING<br>APPD 2-24-92 D. SELF<br>APPD 2-24-92 D. SELF<br>PRODUCT SPEC -<br>APPLICATION SPEC -<br>WEIGHT - |  | NAME<br>PLUG,<br>12 CIRCUIT,<br>UNIVERSAL MATE-N-LOK™<br>SIZE D 00779<br>SCALE 4:1 |  | DRAWING NO 480708<br>SHEET 1 OF 2 |  |
| NATURAL                                                                                                                      |  | 1-480708-0                                                                                                                                         |  | COLOR                                                                              |  | PART NO                           |  |
| AMP                                                                                                                          |  | AMP Incorporated<br>Harrisburg, PA 17105-3608                                                                                                      |  |                                                                                    |  |                                   |  |

| LOC |  | DIST |  | P |  | F |  | ZONE |  | LTR |  | AG |  | SEE SHEET |  | 1 |  |
|-----|--|------|--|---|--|---|--|------|--|-----|--|----|--|-----------|--|---|--|
| CM  |  | 53   |  |   |  |   |  |      |  |     |  |    |  |           |  |   |  |



1. STAMP NUMBERS 3.18 HIGH AT WIRE END OF HOUSING (12 POINT DAVID TYPE).
2. CHARACTERS TO BE POSITIONED ON HOUSING TO BE READ FROM WIRE END ONLY.
3. VIOLET, BLACK, BROWN, AND BLUE COLORED BLOCKS TO BE STAMPED WITH WHITE CHARACTERS. ALL OTHER COLORED BLOCKS TO BE STAMPED WITH BLACK CHARACTERS.



|      |      |       |       |
|------|------|-------|-------|
| 3.18 | .125 | 27.43 | 1.080 |
| 3.05 | .120 | 26.67 | 1.050 |
| 2.29 | .090 | 20.32 | .800  |
| 0.38 | .015 | 6.73  | .265  |
| 0.13 | .005 | 5.97  | .235  |
| MM   | IN   | MM    | IN    |

CONVERSION TABLE

METRIC

|                                                                |  |                        |                 |
|----------------------------------------------------------------|--|------------------------|-----------------|
| NATURAL                                                        |  | 2-480708-0             |                 |
| COLOR                                                          |  | PART NO                |                 |
| DO NOT SCALE PRINT. UNLESS SPECIFIED DIMENSIONS IN mm [INCHES] |  | DR 2-17-92 K. WHITAKER |                 |
| TOLERANCES ON :                                                |  | CHK 2-17-92 R. SWING   |                 |
| 2 PLC DEC ± 0.13                                               |  | APPD 2-24-92 D. SELF   |                 |
| 3 PLC DEC ± -                                                  |  | APPD 2-24-92 D. SELF   |                 |
| ANGLES ± 0°30'                                                 |  | PRODUCT SPEC -         |                 |
| MATERIAL -                                                     |  | APPLICATION SPEC -     |                 |
| FINISH -                                                       |  | WEIGHT -               |                 |
| NAME                                                           |  | SIZE D                 | CAGE CODE 00779 |
| AMP Incorporated Harrisburg, PA 17105-3608                     |  | DRAWING NO             | 480708          |
| PLUG, 12 CIRCUIT, UNIVERSAL MATE-N-LOK™                        |  | SCALE 4:1              | SHEET 2 OF 2    |