

| LOC | DIST | REVISIONS |     |                           |         |     |      |
|-----|------|-----------|-----|---------------------------|---------|-----|------|
|     |      | P         | LTR | DESCRIPTION               | DATE    | DWN | APVD |
| GP  | 00   |           | A2  | REVISED PER ECO-11-004835 | 11MAR11 | RK  | HMR  |

D

C

B

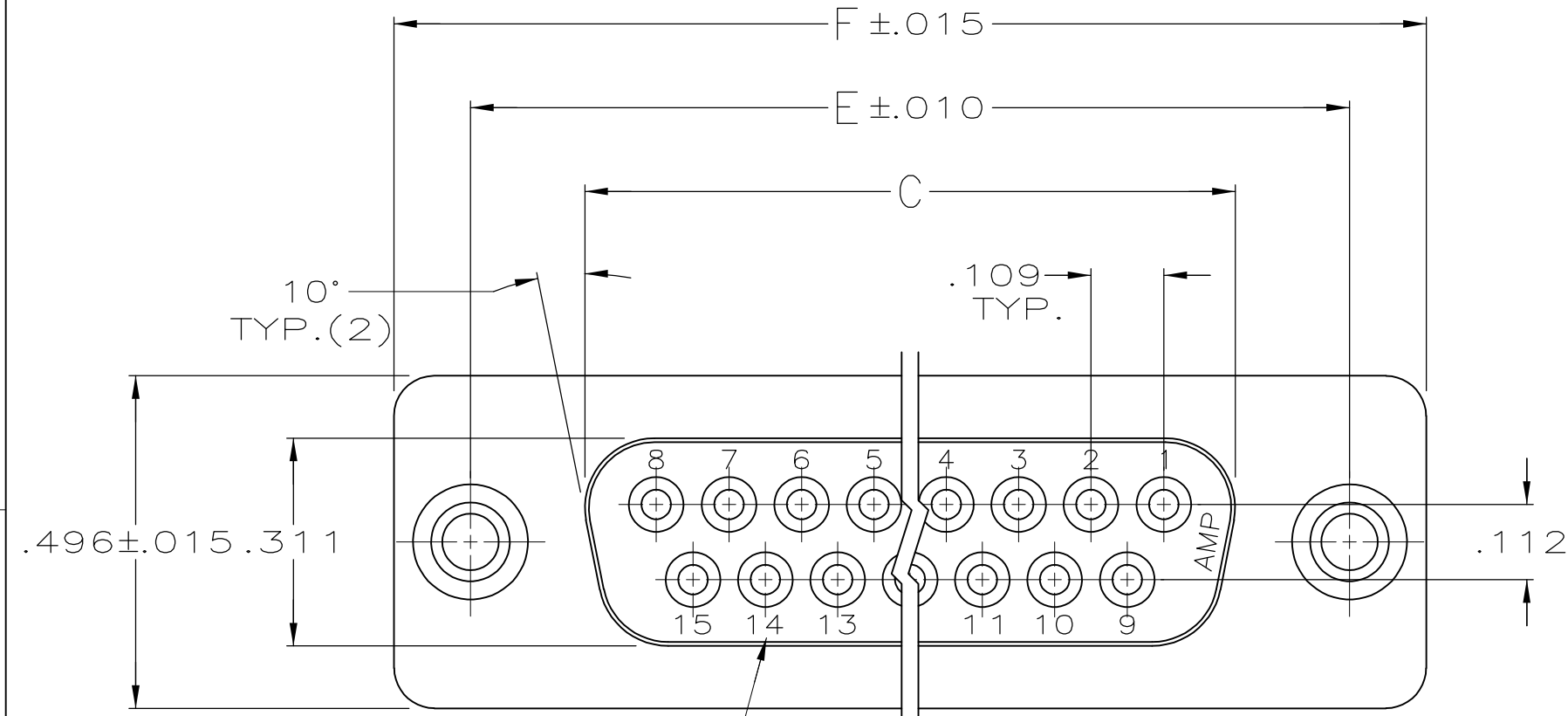
A

D

C

B

A

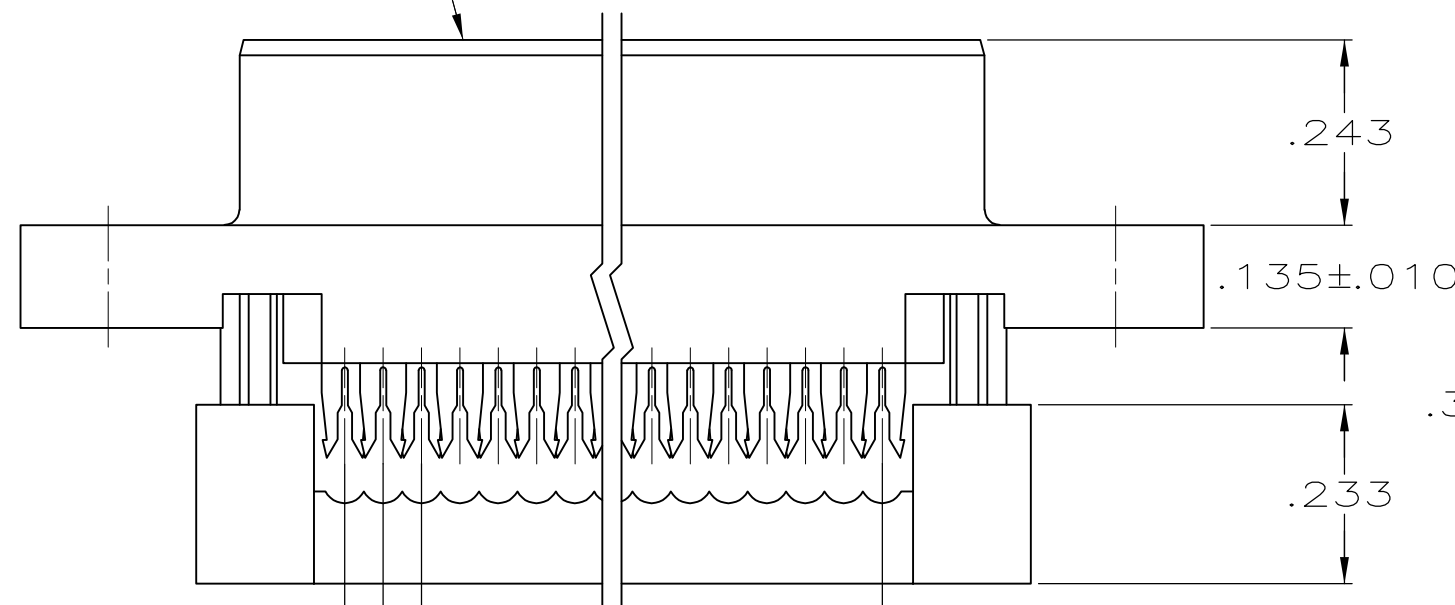


.496 ±.015 .311

.112

DEPRESSED CAVITY IDENTIFICATION  
(15 POSITION SHOWN)

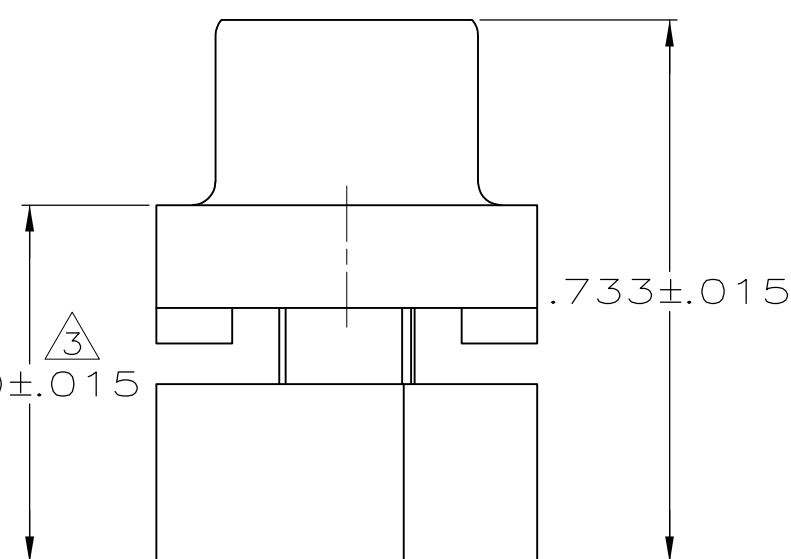
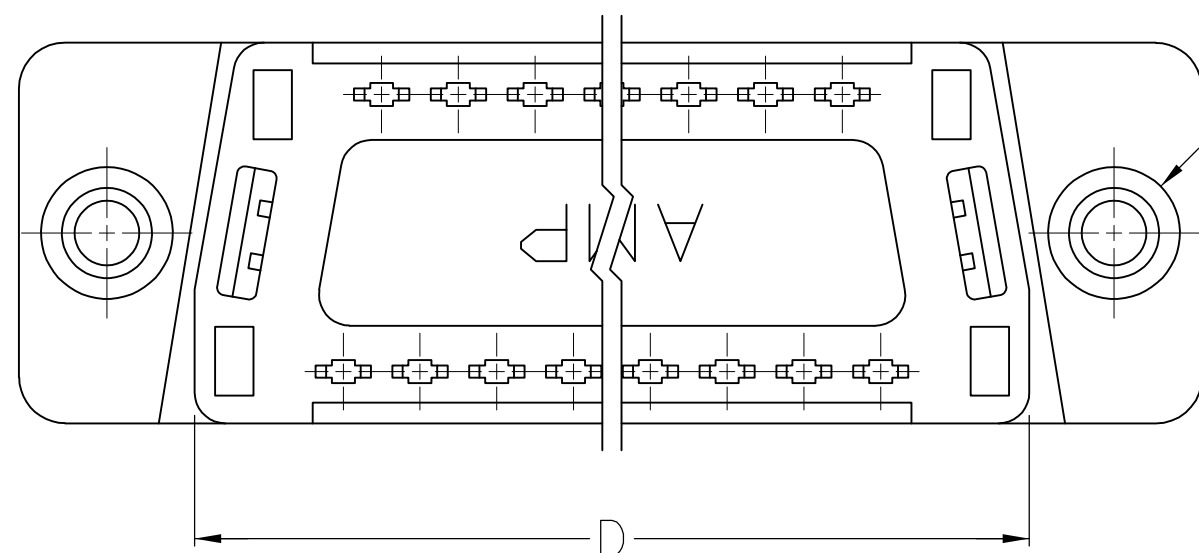
MATING FACE



.050 REF.

.100 REF.

A SPACES AT .050 = B



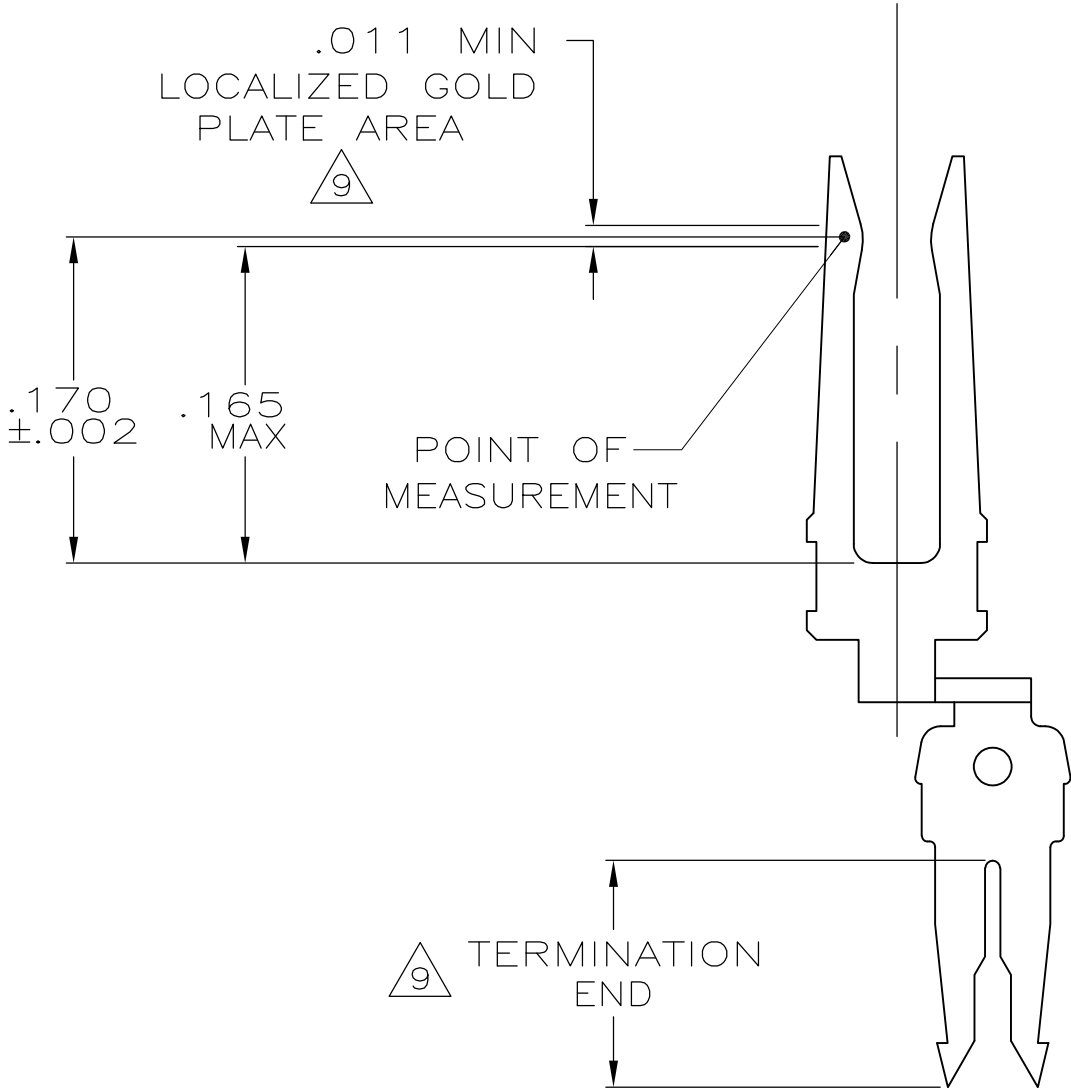
#4-40 THREADED  
INSERT, TYP.(2)

- 1.CONNECTORS COMPLY WITH AMP SPEC. 108-40012 AND MATE WITH ANY SAME NUMBER POSITION PLUG CONNECTOR IN AMPLIMITE SERIES.
- 2.CONNECTOR DESIGNED FOR 28 AND 26 AWG STRANDED AND SOLID CONDUCTOR RIBBON CABLE ON .050.
- 3 DIMENSION APPLIES TO TERMINATED CONNECTOR.
- 4 INSERTS WILL WITHSTAND 6 IN. LBS. TORQUE AND 50 LBS. PULL OUT FORCE FROM MATING FACE SIDE.
- 5 MOLDED PARTS: FLAME RETARDANT 94V-O RATED THERMOPLASTIC; COLOR: BLACK.
- 6 PHOS. BRONZE PER QQ-B-750.
- 7 BRASS PER MIL-C-50.
- 8 GOLD PLATING PER MIL-G-45204, TIN PLATING PER MIL-T-10727, NICKEL PLATING PER QQ-N-290.
- 9 PLATED WITH .000030 GOLD IN LOCALIZED GOLD PLATE AREA, .000100- .000200 MATTE TIN ON TERMINATION END, ALL OVER .000050 NICKEL ON ENTIRE CONTACT.

|       |       |       |       |       |    |            |             |
|-------|-------|-------|-------|-------|----|------------|-------------|
| 1.216 | .984  | .759  | .643  | .400  | 8  | 9          | 1658609-4   |
| 1.541 | 1.312 | 1.087 | .971  | .700  | 14 | 15         | 1658609-3   |
| 2.090 | 1.852 | 1.623 | 1.511 | 1.200 | 24 | 25         | 1658609-2   |
| 2.732 | 2.500 | 2.275 | 2.591 | 1.800 | 36 | 37         | 1658609-1   |
| F     | E     | D     | C     | B     | A  | NO.OF POS. | PART NUMBER |

|                                                          |  |                                                                                 |         |                                                                            |  |  |  |
|----------------------------------------------------------|--|---------------------------------------------------------------------------------|---------|----------------------------------------------------------------------------|--|--|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                   |  | DWN<br>B. MCMASTER<br>CHK<br>C. ROHDE<br>APVD<br>M. WALMSLEY<br>PRODUCT SPEC    | 30MAR04 | TE Connectivity                                                            |  |  |  |
| DIMENSIONS:<br>INCHES                                    |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:                                          |         | NAME<br>RECEPTACLE ASSEMBLY, THREADED INSERTS,<br>LEAD-FREE, AMPLIMITE HDF |  |  |  |
|                                                          |  | 0 PLC ± -<br>1 PLC ± -<br>2 PLC ± -<br>3 PLC ± .005<br>4 PLC ± -<br>ANGLES ± 2° |         | SIZE<br>CAGE CODE<br>DRAWING NO<br>RESTRICTED TO                           |  |  |  |
| MATERIAL<br>MOLDED PARTS: 5<br>CONTACTS: 6<br>INSERTS: 7 |  | FINISH<br>CONTACTS: 8<br>INSERTS: UNPLATED                                      |         | WEIGHT<br>-<br>A2 00779 C=1658609                                          |  |  |  |
|                                                          |  | CUSTOMER DRAWING                                                                |         | SCALE 4:1 SHEET 1 of 2 REV A2                                              |  |  |  |

| LOC | DIST | REVISIONS |     |             |      |     |
|-----|------|-----------|-----|-------------|------|-----|
| GP  | 00   | P         | LTR | DESCRIPTION | DATE | DWN |
|     |      | -         | -   | SEE SHEET 1 | -    | -   |



CONTACT DETAIL  
SCALE 10:1

|                                        |                                                                                                                           |                                  |                                                                            |                         |                    |  |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------------------------------------------------|-------------------------|--------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |                                                                                                                           | DWN<br>B. MCMASTER<br>30MAR04    | TE Connectivity                                                            |                         |                    |  |
| DIMENSIONS:<br>INCHES                  |                                                                                                                           | CHK<br>C. ROHDE<br>30MAR04       |                                                                            |                         |                    |  |
|                                        | TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0 PLC ± -<br>1 PLC ± -<br>2 PLC ± -<br>3 PLC ± .005<br>4 PLC ± -<br>ANGLES ± 2° | APVD<br>M. WALMSLEY<br>30MAR04   | NAME<br>RECEPTACLE ASSEMBLY, THREADED INSERTS,<br>LEAD-FREE, AMPLIMITE HDF |                         |                    |  |
|                                        |                                                                                                                           | PRODUCT SPEC<br>APPLICATION SPEC | SIZE<br>A2                                                                 |                         |                    |  |
| MATERIAL<br>SEE SHEET 1                | FINISH<br>SEE SHEET 1                                                                                                     | WEIGHT<br>-                      | CAGE CODE<br>00779                                                         | DRAWING NO<br>C=1658609 | RESTRICTED TO<br>- |  |
| CUSTOMER DRAWING                       |                                                                                                                           |                                  | SCALE<br>4:1                                                               | SHEET<br>2 OF 2         | REV<br>A2          |  |