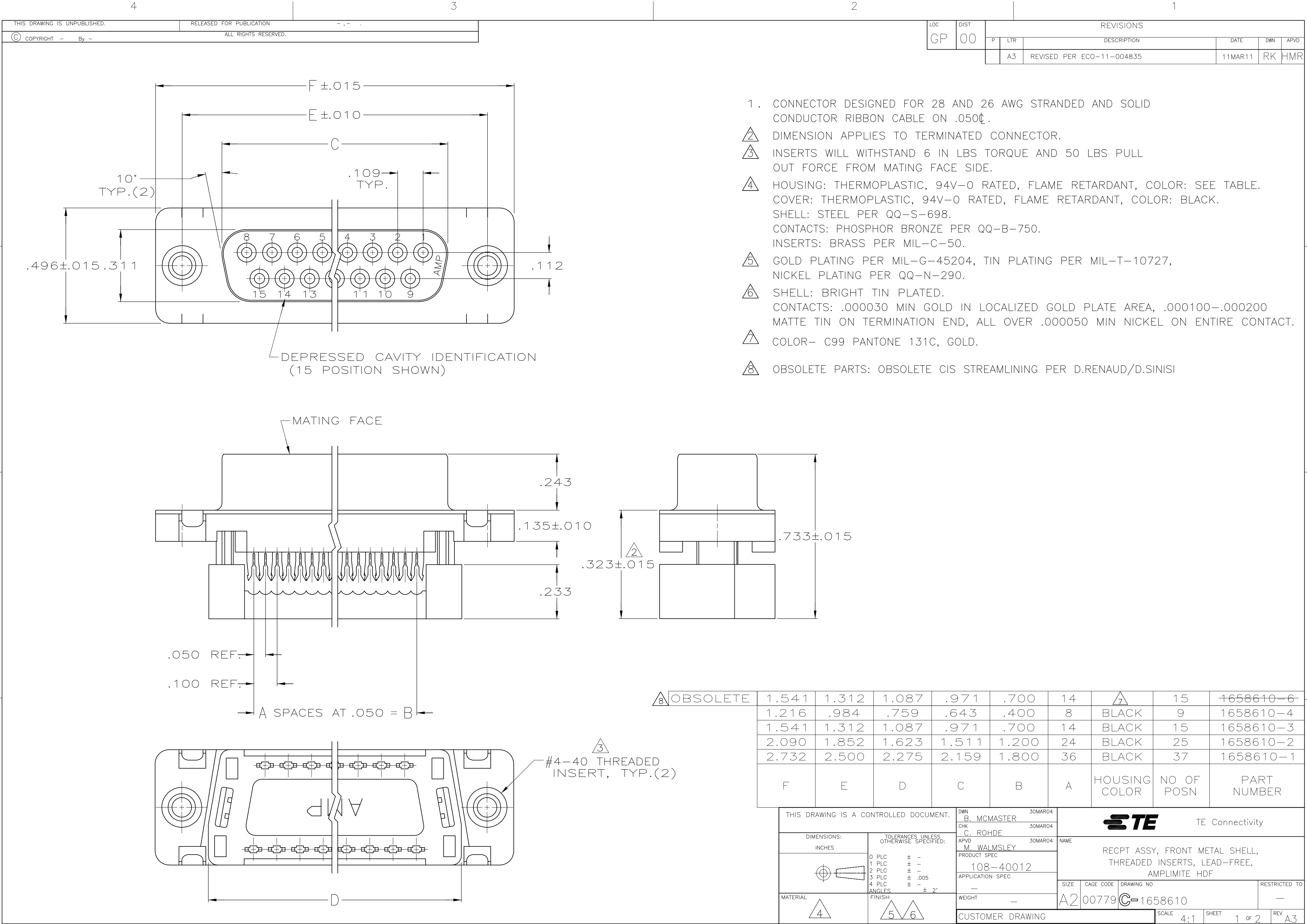




1. CONNECTOR DESIGNED FOR 28 AND 26 AWG STRANDED AND SOLID CONDUCTOR RIBBON CABLE ON .050 $\phi$ .
2. DIMENSION APPLIES TO TERMINATED CONNECTOR.
3. INSERTS WILL WITHSTAND 6 IN LBS TORQUE AND 50 LBS PULL OUT FORCE FROM MATING FACE SIDE.
4. HOUSING: THERMOPLASTIC, 94V-0 RATED, FLAME RETARDANT, COLOR: SEE TABLE. COVER: THERMOPLASTIC, 94V-0 RATED, FLAME RETARDANT, COLOR: BLACK. SHELL: STEEL PER QQ-S-698. CONTACTS: PHOSPHOR BRONZE PER QQ-B-750. INSERTS: BRASS PER MIL-C-50.
5. GOLD PLATING PER MIL-G-45204, TIN PLATING PER MIL-T-10727, NICKEL PLATING PER QQ-N-290.
6. SHELL: BRIGHT TIN PLATED. CONTACTS: .000030 MIN GOLD IN LOCALIZED GOLD PLATE AREA, .000100-.000200 MATTE TIN ON TERMINATION END, ALL OVER .000050 MIN NICKEL ON ENTIRE CONTACT.
7. COLOR- C99 PANTONE 131C, GOLD.
8. OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

|            |       |       |       |       |       |    |               |            |             |
|------------|-------|-------|-------|-------|-------|----|---------------|------------|-------------|
| 8 OBSOLETE | 1.541 | 1.312 | 1.087 | .971  | .700  | 14 | 7             | 15         | 1658610-6   |
|            | 1.216 | .984  | .759  | .643  | .400  | 8  | BLACK         | 9          | 1658610-4   |
|            | 1.541 | 1.312 | 1.087 | .971  | .700  | 14 | BLACK         | 15         | 1658610-3   |
|            | 2.090 | 1.852 | 1.623 | 1.511 | 1.200 | 24 | BLACK         | 25         | 1658610-2   |
|            | 2.732 | 2.500 | 2.275 | 2.159 | 1.800 | 36 | BLACK         | 37         | 1658610-1   |
|            | F     | E     | D     | C     | B     | A  | HOUSING COLOR | NO OF POSN | PART NUMBER |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -  
1 PLC ± -  
2 PLC ± -  
3 PLC ± .005  
4 PLC ± -  
ANGLES ± 2°  
FINISH

4

5 6

DWN B. MCMASTER 30MAR04  
CHK C. ROHDE 30MAR04  
APVD M. WALMSLEY 30MAR04

PRODUCT SPEC  
108-40012  
APPLICATION SPEC  
-  
WEIGHT -

CUSTOMER DRAWING

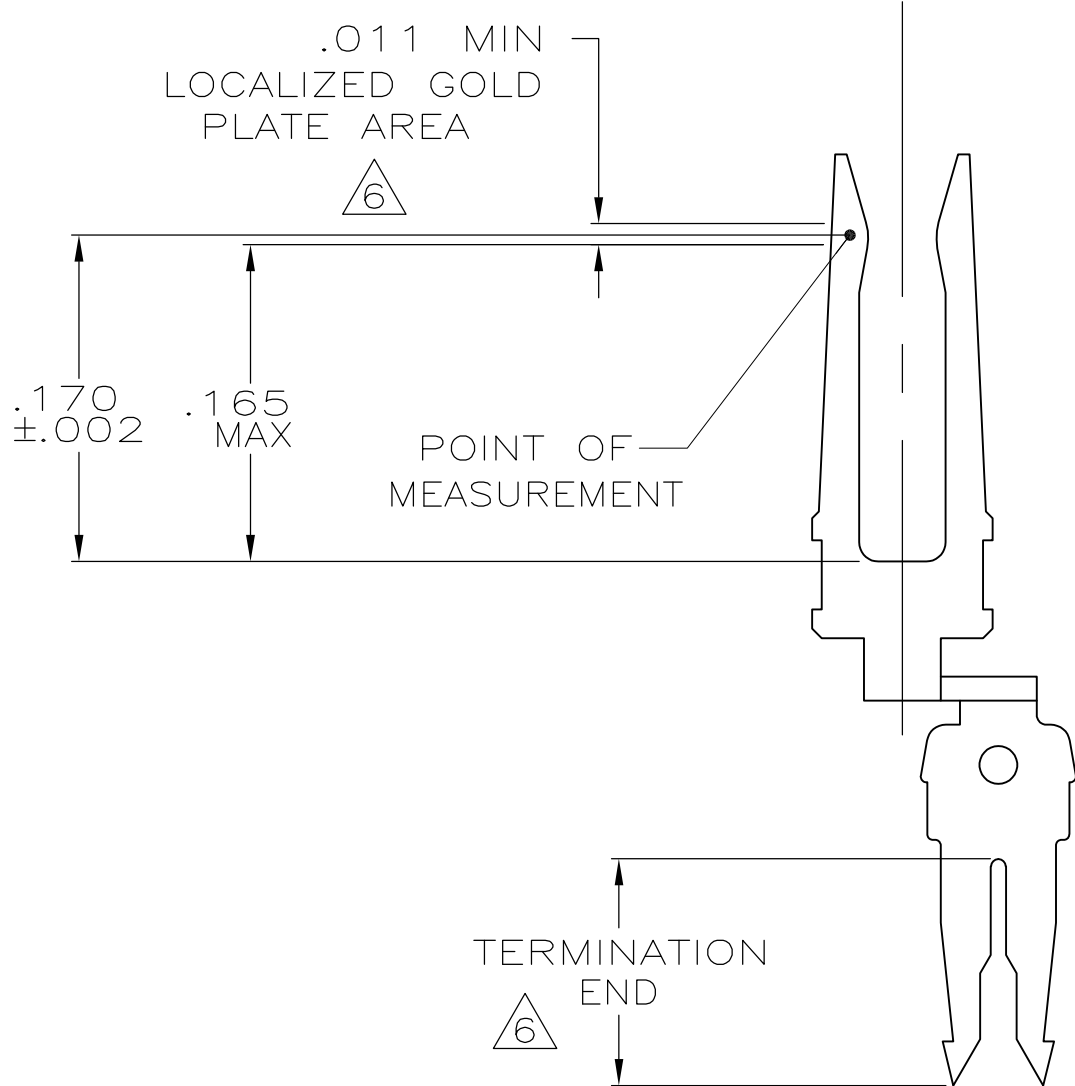
TE Connectivity

NAME  
RECPT ASSY, FRONT METAL SHELL,  
THREADED INSERTS, LEAD-FREE,  
AMPLIMITE HDF

SIZE A2  
CAGE CODE 00779  
DRAWING NO C=1658610  
RESTRICTED TO -

SCALE 4:1  
SHEET 1 of 2  
REV A3

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



CONTACT DETAIL  
SCALE 10:1

|                                        |  |                                |                                                                                  |                    |                         |                    |
|----------------------------------------|--|--------------------------------|----------------------------------------------------------------------------------|--------------------|-------------------------|--------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN<br>B. MCMASTER<br>30MAR04  | TE Connectivity                                                                  |                    |                         |                    |
|                                        |  | CHK<br>C. ROHDE<br>30MAR04     |                                                                                  |                    |                         |                    |
| DIMENSIONS:<br>INCHES                  |  | APVD<br>M. WALMSLEY<br>30MAR04 | NAME                                                                             |                    |                         |                    |
|                                        |  | PRODUCT SPEC<br>108-40012      | RECTPT ASSY, FRONT METAL SHELL,<br>THREADED INSERTS, LEAD-FREE,<br>AMPLIMITE HDF |                    |                         |                    |
|                                        |  | APPLICATION SPEC               |                                                                                  |                    |                         |                    |
| MATERIAL<br>-                          |  | WEIGHT<br>-                    | SIZE<br>A2                                                                       | CAGE CODE<br>00779 | DRAWING NO<br>C=1658610 | RESTRICTED TO<br>- |
| CUSTOMER DRAWING                       |  |                                | SCALE<br>4:1                                                                     | SHEET<br>2 of 2    | REV<br>A3               |                    |