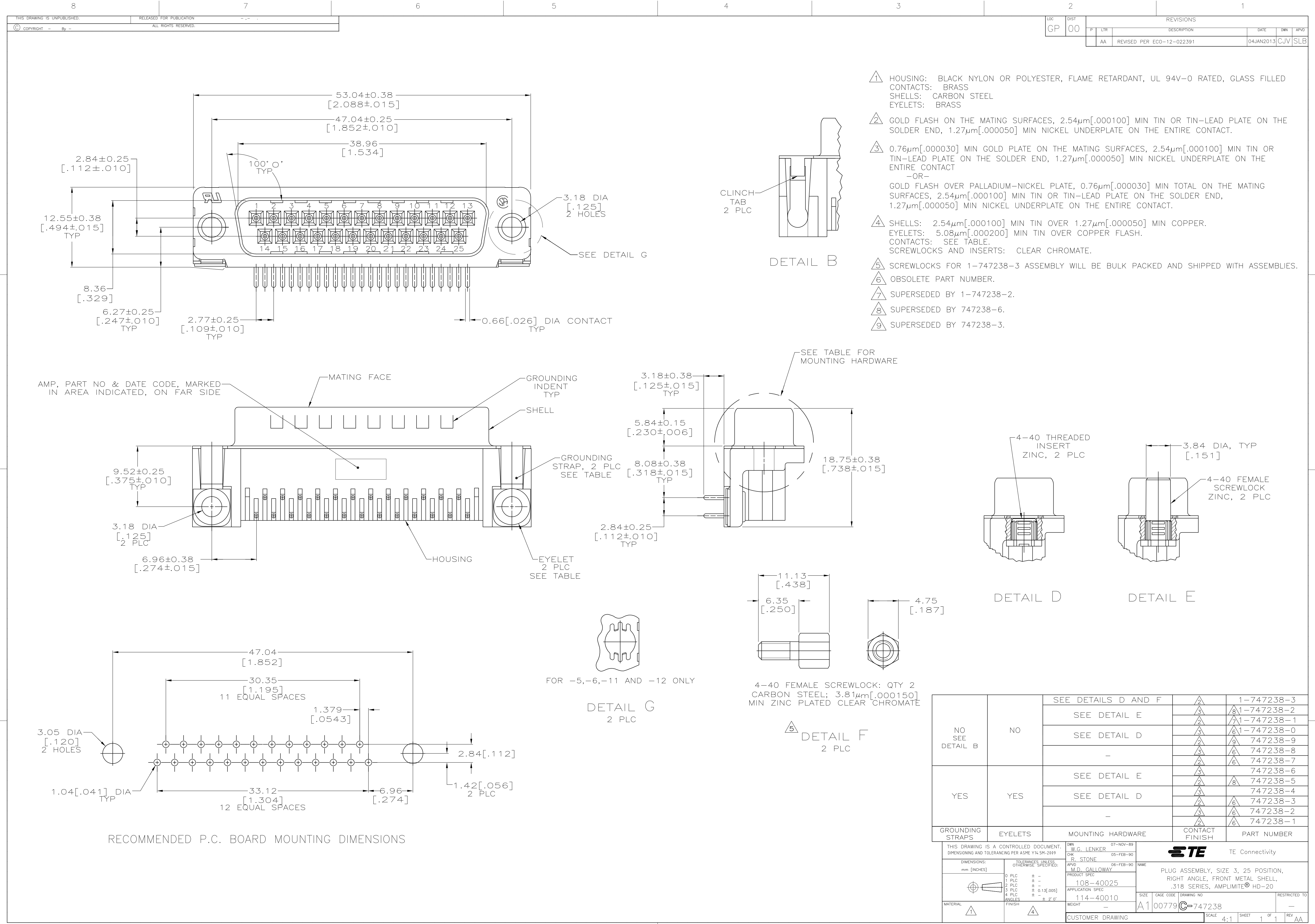
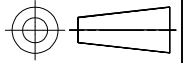




- 1 HOUSING: BLACK NYLON OR POLYESTER, FLAME RETARDANT, UL 94V-0 RATED, GLASS FILLED  
CONTACTS: BRASS  
SHELLS: CARBON STEEL  
EYELETS: BRASS
- 2 GOLD FLASH ON THE MATING SURFACES,  $2.54 \mu\text{m}$  [ $.000100$ ] MIN TIN OR TIN-LEAD PLATE ON THE SOLDER END,  $1.27 \mu\text{m}$  [ $.000050$ ] MIN NICKEL UNDERPLATE ON THE ENTIRE CONTACT.
- 3  $0.76 \mu\text{m}$  [ $.000030$ ] MIN GOLD PLATE ON THE MATING SURFACES,  $2.54 \mu\text{m}$  [ $.000100$ ] MIN TIN OR TIN-LEAD PLATE ON THE SOLDER END,  $1.27 \mu\text{m}$  [ $.000050$ ] MIN NICKEL UNDERPLATE ON THE ENTIRE CONTACT  
-OR-  
GOLD FLASH OVER PALLADIUM-NICKEL PLATE,  $0.76 \mu\text{m}$  [ $.000030$ ] MIN TOTAL ON THE MATING SURFACES,  $2.54 \mu\text{m}$  [ $.000100$ ] MIN TIN OR TIN-LEAD PLATE ON THE SOLDER END,  $1.27 \mu\text{m}$  [ $.000050$ ] MIN NICKEL UNDERPLATE ON THE ENTIRE CONTACT.
- 4 SHELLS:  $2.54 \mu\text{m}$  [ $.000100$ ] MIN TIN OVER  $1.27 \mu\text{m}$  [ $.000050$ ] MIN COPPER.  
EYELETS:  $5.08 \mu\text{m}$  [ $.000200$ ] MIN TIN OVER COPPER FLASH.  
CONTACTS: SEE TABLE.  
SCREWLOCKS AND INSERTS: CLEAR CHROMATE.
- 5 SCREWLOCKS FOR 1-747238-3 ASSEMBLY WILL BE BULK PACKED AND SHIPPED WITH ASSEMBLIES.
- 6 OBSOLETE PART NUMBER.
- 7 SUPERSEDED BY 1-747238-2.
- 8 SUPERSEDED BY 747238-6.
- 9 SUPERSEDED BY 747238-3.

|                       |         |                     |                                                                                       |                                                                                                  |   |                                                                                       |                                                                                                |
|-----------------------|---------|---------------------|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|---|---------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| NO<br>SEE<br>DETAIL B | NO      | SEE DETAILS D AND F |  | 1-747238-3                                                                                       |   |                                                                                       |                                                                                                |
|                       |         | SEE DETAIL E        |  |  1-747238-2 |   |                                                                                       |                                                                                                |
|                       |         | SEE DETAIL D        |  |  1-747238-1 |   |                                                                                       |                                                                                                |
|                       |         | -                   |  |  1-747238-0 |   |                                                                                       |                                                                                                |
|                       |         | -                   |  |  747238-9   |   |                                                                                       |                                                                                                |
| YES                   | YES     | -                   |  |  747238-8   |   |                                                                                       |                                                                                                |
|                       |         | -                   |  |  747238-7   |   |                                                                                       |                                                                                                |
|                       |         | SEE DETAIL E        |  |  747238-6   |   |                                                                                       |                                                                                                |
|                       |         | SEE DETAIL D        |  |  747238-5   |   |                                                                                       |                                                                                                |
|                       |         | -                   |  |  747238-4   |   |                                                                                       |                                                                                                |
| GROUNDING STRAPS      | EYELETS | MOUNTING HARDWARE   | CONTACT FINISH                                                                        | PART NUMBER                                                                                      |   |                                                                                       |                                                                                                |
|                       |         |                     |                                                                                       |                                                                                                  | - |  |  747238-3 |
|                       |         |                     |                                                                                       |                                                                                                  | - |  |  747238-2 |
| -                     | -       | -                   |  |  747238-1   |   |                                                                                       |                                                                                                |

|                                                                                             |                                                                                       |                                    |                                                                                                         |           |                                                                                               |               |     |    |
|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------------------------------|---------------------------------------------------------------------------------------------------------|-----------|-----------------------------------------------------------------------------------------------|---------------|-----|----|
| THIS DRAWING IS A CONTROLLED DOCUMENT.<br>DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009 |                                                                                       | DWN<br>W.G. LENKER<br>07-NOV-89    |  TE Connectivity   |           |                                                                                               |               |     |    |
|                                                                                             |                                                                                       | CHK<br>R. STONE<br>05-FEB-90       |                                                                                                         |           |                                                                                               |               |     |    |
| DIMENSIONS:<br>mm [INCHES]                                                                  |                                                                                       | APVD<br>M.D. GALLOWAY<br>06-FEB-90 | NAME                                                                                                    |           |                                                                                               |               |     |    |
|        |                                                                                       | PRODUCT SPEC                       | PLUG ASSEMBLY, SIZE 3, 25 POSITION,<br>RIGHT ANGLE, FRONT METAL SHELL,<br>.318 SERIES, AMPLIMITE® HD-20 |           |                                                                                               |               |     |    |
|                                                                                             |                                                                                       | APPLICATION SPEC                   | 108-40025                                                                                               |           |                                                                                               |               |     |    |
|                                                                                             |                                                                                       | 114-40010                          |                                                                                                         |           |                                                                                               |               |     |    |
| MATERIAL                                                                                    | FINISH                                                                                | WEIGHT                             | SIZE                                                                                                    | CAGE CODE | DRAWING NO                                                                                    | RESTRICTED TO |     |    |
|        |  | -                                  | A1                                                                                                      | 00779     |  -747238 | -             |     |    |
| CUSTOMER DRAWING                                                                            |                                                                                       |                                    | SCALE                                                                                                   | 4:1       | SHEET                                                                                         | 1 OF 1        | REV | AA |