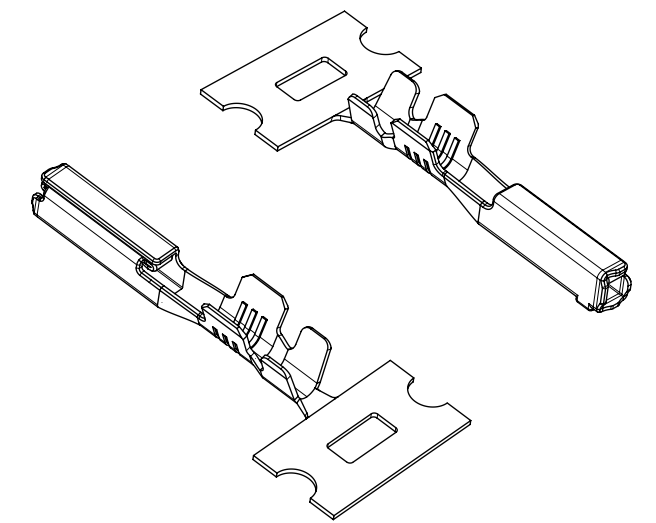
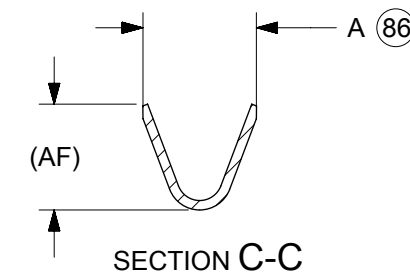
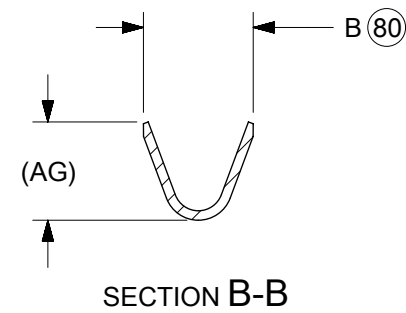
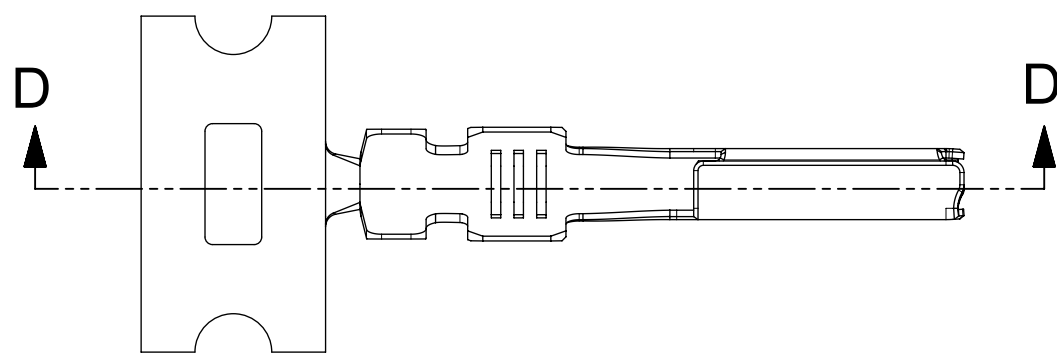
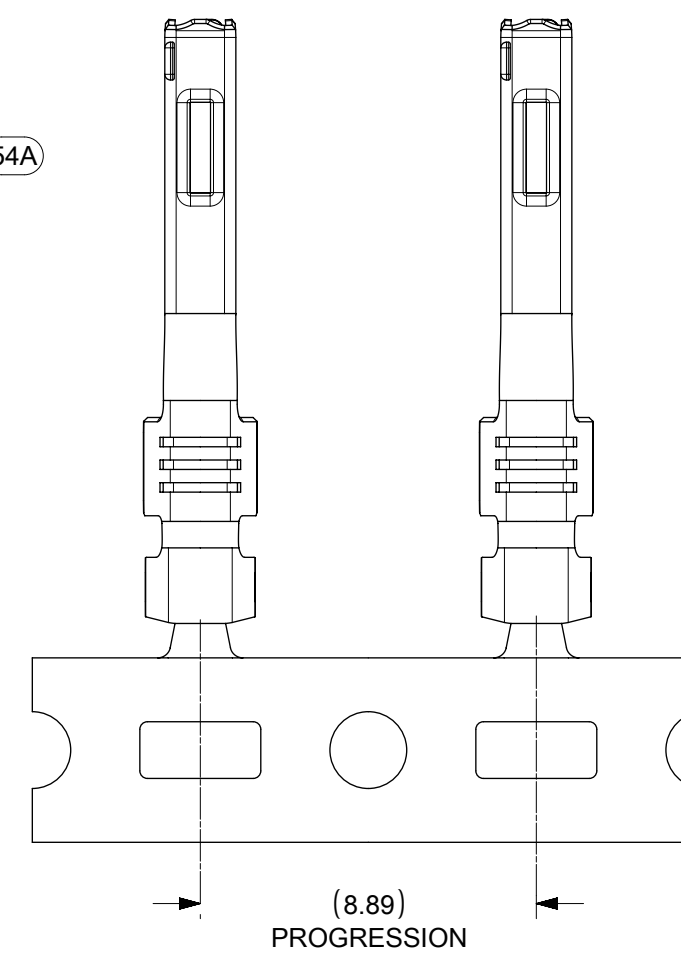
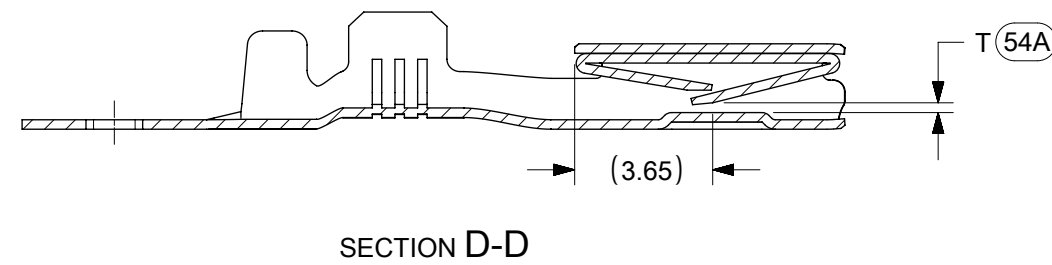
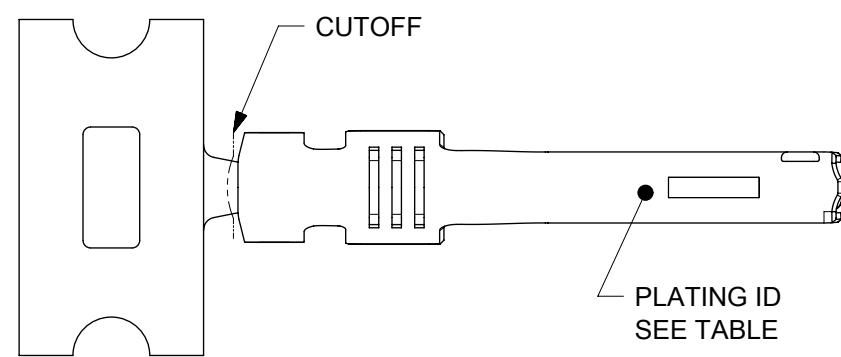
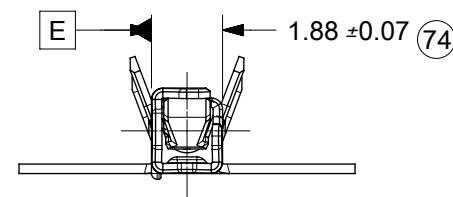
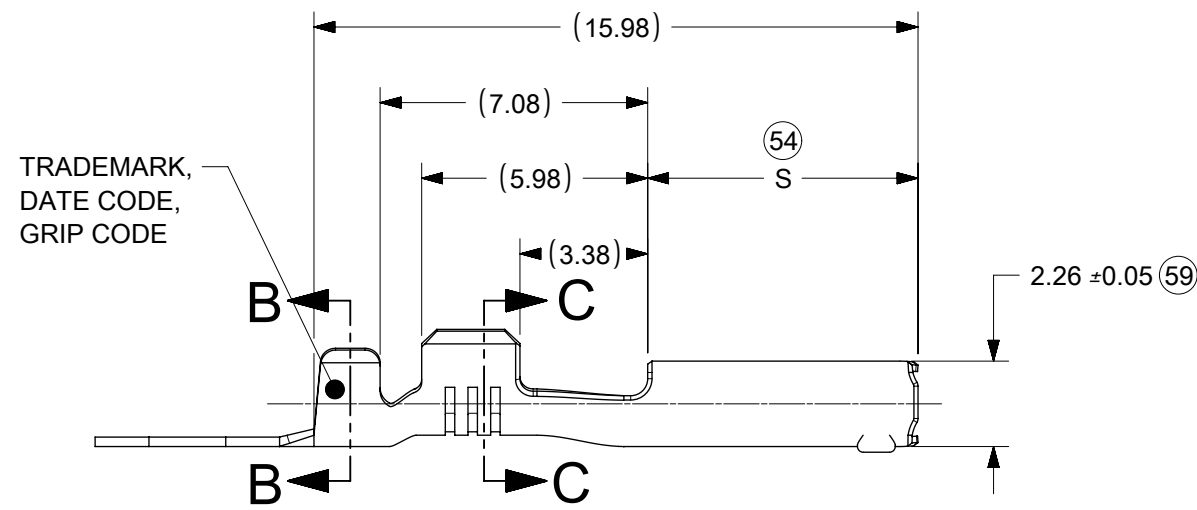




ISO VIEWS  
SCALE 3:1



NOTES: (UNLESS OTHERWISE SPECIFIED)

1. MATERIALS: SEE TABLE

2. PACKAGING SPECIFICATION: PK-31300-516  
AND PK-30907-759

### 3. CRIMPING PER APPLICATION SPECIFICATION AS-33468-001

4. CRIMPED LEAD MEETS THE FOLLOWING:

4.1. SAE/USCAR-21, MAY 2002  
4.2. SAE/USCAR-2, REV. 3, APRIL 1999

4.3. SAE/USCAR-12, REV. 2

4.4. GMW #3191 AUGUST 22,  
TEMPERATURE CLASS 3

4.5 GMW #3191 JANUARY, 2005  
TEMPERATURE CLASS 3, APPLIES ONLY TO Ag PARTS

5. PLATING NOTES:

### 5.1 TIN PLATING (ENTIRE TERMINAL)

### 5.1.1 ELECTRO REFLOW 1.90 - 3.30 MICROMETERS TIN OVER 0.25 - 0.76 MICROMETERS NICKEL

## 5.2 GOLD PLATING

#### 5.2.1 UNDERPLATE OVERALL 1.25-2.25 MICROMETERS DUCTILE SULPHAMATE NICKEL

### 5.2.2 ELECTRODEPOSITED GOLD 0.76 - 1.5 MICROMETERS IN CONTACT AREAS

### 5.2.3 ELECTRODEPOSITED TIN MATTE FINISH 2.5 - 4.0 MICROMETERS IN CRIMP AREA

### 5.3 SILVER PLATING

### 5.3.1 UNDERPLATE OVERALL 1.25-2.25 MICROMETERS DUCTILE SULPHAMATE NICKEL

### 5.3.2 ELECTRODEPOSITED PURE SILVER 99.5% PURITY SEMI-BRIGHT FINISH WITH NO BRIGHTENERS OR CHROMATES 1.9 - 3.3 MICROMETERS IN CONTACT AREAS

### 5.3.3 ANTI-TARNISH TREATMENT FOR SILVER PLATED AREA: SYNTHETIC HYDROCARBON CONTACT SURFACE FINISH OR EQUIVALENT

### 5.3.4 ELECTRODEPOSITED TIN MATTE FINISH 2.5 - 4.0 MICROMETERS IN CRIMP AREA

| WIRE<br>SIZE | GRIP<br>CODE | PART<br>NUMBER | REEL<br>PAYOFF<br>DIRECTION | DIM<br>A | DIM<br>B | DIM<br>S      | DIM<br>T      | DIM<br>AF | DIM<br>AG | BASE<br>MATERIAL | PLATING<br>ID   |
|--------------|--------------|----------------|-----------------------------|----------|----------|---------------|---------------|-----------|-----------|------------------|-----------------|
| 22<br>AWG    | A            | 33468-0002     | D                           | 2.3      | 2.3      | 7.15<br>±0.10 | 0.26<br>±0.07 | (2.1)     | (2.1)     | COPPER<br>ALLOY  | Sn<br>Lead Free |
|              |              | 33468-0001     | B                           |          |          |               |               |           |           |                  |                 |
|              |              | 33467-0004     | D                           | 2.3      | 2.3      | 6.97-<br>7.27 | 0.26<br>±0.07 | (2.1)     | (2.1)     | COPPER<br>ALLOY  | Au<br>Lead Free |
|              |              | 33467-0003     | B                           |          |          |               |               |           |           |                  |                 |
|              |              | 34736-1001     | D                           | 2.3      | 2.3      | 6.97-<br>7.27 | 0.26<br>±0.07 | (2.1)     | (2.1)     | COPPER<br>ALLOY  | Ag<br>Lead Free |
| 34736-2001   | B            |                |                             |          |          |               |               |           |           |                  |                 |
| 18/20<br>AWG | B            | 33468-0004     | D                           | 3.0      | 2.9      | 7.15<br>±0.10 | 0.26<br>±0.07 | (2.8)     | (2.6)     | COPPER<br>ALLOY  | Sn<br>Lead Free |
|              |              | 33468-0003     | B                           |          |          |               |               |           |           |                  |                 |
|              |              | 33467-0006     | D                           | 3.0      | 2.9      | 6.97-<br>7.27 | 0.26<br>±0.07 | (2.8)     | (2.6)     | COPPER<br>ALLOY  | Au<br>Lead Free |
|              |              | 33467-0005     | B                           |          |          |               |               |           |           |                  |                 |
|              |              | 34736-1002     | D                           | 3.0      | 2.9      | 6.97-<br>7.27 | 0.26<br>±0.07 | (2.8)     | (2.6)     | COPPER<br>ALLOY  | Ag<br>Lead Free |
| 34736-2002   | B            |                |                             |          |          |               |               |           |           |                  |                 |

|                                                                                                                                               |  |       |  |                                                                                                                                                                             |  |         |  |        |                                 |                 |  |                |              |          |          |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--|-------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------|--|--------|---------------------------------|-----------------|--|----------------|--------------|----------|----------|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |       |  |                                                                                                                                                                             |  |         |  |        |                                 |                 |  |                |              |          |          |
| DIMENSION UNITS                                                                                                                               |  | SCALE |  | CURRENT REV DESC:                                                                                                                                                           |  |         |  |        | <div>molex</div>                |                 |  |                |              |          |          |
| mm                                                                                                                                            |  | 5:1   |  |                                                                                                                                                                             |  |         |  |        |                                 |                 |  |                |              |          |          |
| GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                                                                                                      |  |       |  |                                                                                                                                                                             |  |         |  |        | MX64 SAE<br>RECEPTACLE TERMINAL |                 |  |                |              |          |          |
| ANGULAR TOL ± 3                                                                                                                               |  |       |  |                                                                                                                                                                             |  |         |  |        |                                 |                 |  |                |              |          |          |
| 4 PLACES ±                                                                                                                                    |  |       |  |                                                                                                                                                                             |  |         |  |        |                                 |                 |  |                |              |          |          |
| 3 PLACES ±                                                                                                                                    |  |       |  | EC NO: 601885<br>DRWN: NVENKATESHSH 2018/05/31<br>CHK'D: JPRUNEAU 2018/08/09<br>APPR: TOMSMITH 2018/08/13                                                                   |  |         |  |        | PRODUCT CUSTOMER DRAWING        |                 |  |                |              |          |          |
| 2 PLACES ± 0.10                                                                                                                               |  |       |  |                                                                                                                                                                             |  |         |  |        |                                 |                 |  |                |              |          |          |
| 1 PLACE ± 0.3                                                                                                                                 |  |       |  |                                                                                                                                                                             |  |         |  |        | DOCUMENT NUMBER                 |                 |  |                | DOC TYPE     | DOC PART | REVISION |
| 0 PLACES ±                                                                                                                                    |  |       |  |                                                                                                                                                                             |  |         |  |        | SD-33468-001                    |                 |  |                | PSD          | 001      | G3       |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                    |  |       |  | THIRD ANGLE PROJECTION                                                                                                                                                      |  | DRAWING |  | SERIES |                                 | MATERIAL NUMBER |  | CUSTOMER       | SHEET NUMBER |          |          |
|                                                                                                                                               |  |       |  |   |  | C-SIZE  |  | 33468  |                                 | SEE TABLE       |  | GENERAL MARKET |              | 1 OF 1   |          |