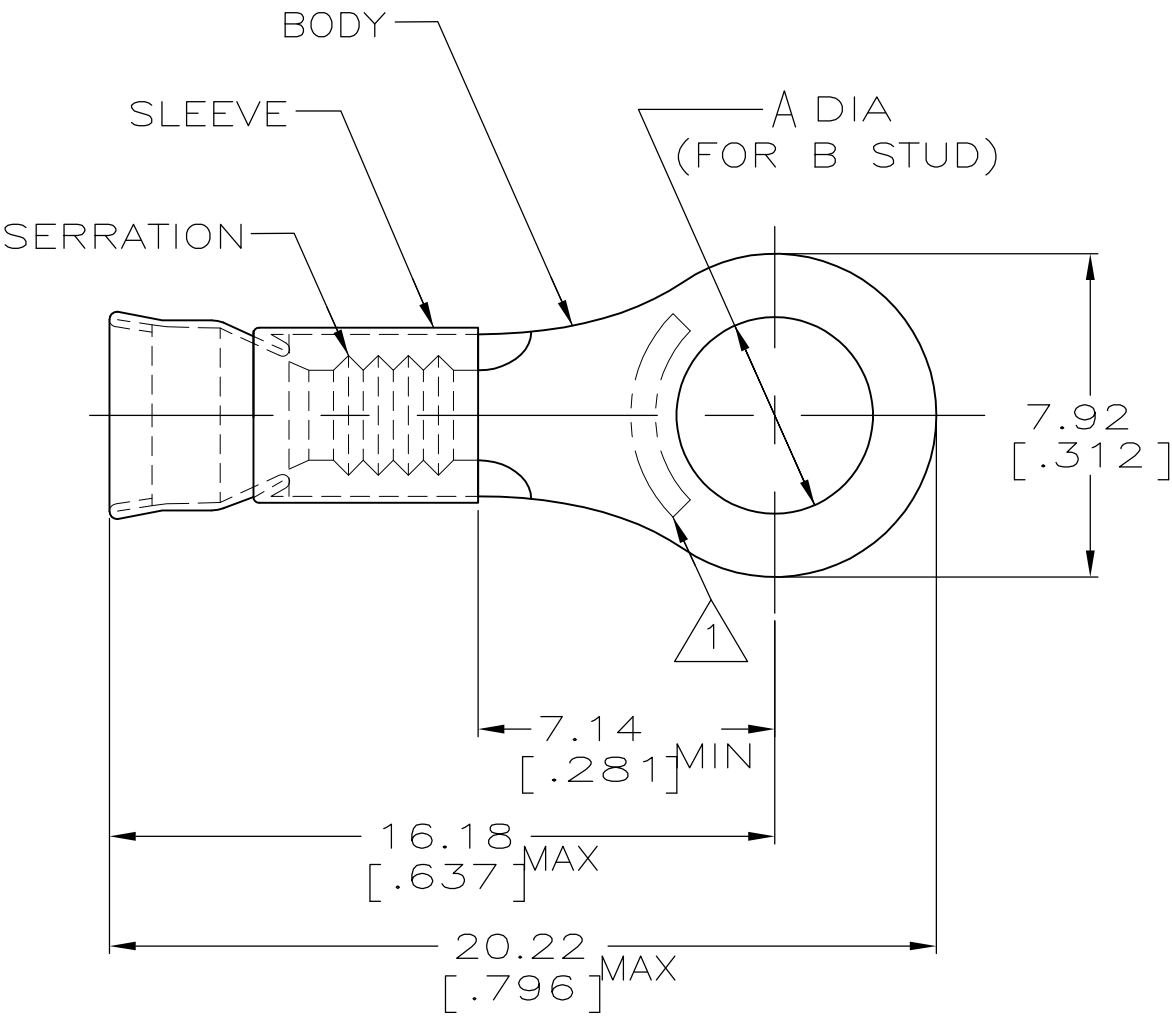


| LOC | DIST | REVISIONS |     |                           |         |     |      |
|-----|------|-----------|-----|---------------------------|---------|-----|------|
|     |      | P         | LTR | DESCRIPTION               | DATE    | DWN | APVD |
| G   | 14   |           | J4  | REVISED PER ECO-12-003796 | 28FEB12 | KH  | DR   |



- 1

SEE TABLE FOR STAMPING  
22-16 TERMINALS ARE STAMPED 22-18 IN  
ACCORDANCE WITH MILITARY SPEC SAE AS7928  
COMMERCIAL WIRE RANGE IS 22-16
- 2

WIRE INSUL DIA, 2.67-3.56 [.105-.140]
- 3

TONGUE MATL THK, 0.79±0.05 [.031±.002]
- 4

BODY: GOLD PLATE 0.00127[.000050] MIN EXT. THK  
PER ASTM B488, TYPE 1, CODE C OVER NICKEL  
FLASH PER SAE AMS QQ-N-290 OVER WOODS  
NICKEL FLASH PER ASTM B558.
- 5

NOTE DELETED

|                                |        |             |                      |        |                      |           |      |              |            |
|--------------------------------|--------|-------------|----------------------|--------|----------------------|-----------|------|--------------|------------|
| 260°[500°F]                    | 4      | AMP 22-18   | 4.34±0.08[.171±.003] | M4[#8] | NICKEL PER ASTM B162 | ORANGE    | 500  | LOOSE PIECE  | 321897-1   |
| 649°[1200°F]                   | -      | AMP 22-18AL | 5.20±0.10[.205±.004] | M5     | ALUMEL               | GREEN     | 500  | LOOSE PIECE  | 1-321897-5 |
|                                | -      | AMP 22-18CH | 5.00±0.08[.197±.003] | #10    | CHROMEL              | GRAY      | 500  | LOOSE PIECE  | 1-321897-4 |
|                                | -      | AMP 22-18AL | 4.34±0.08[.171±.003] | M4[#8] | ALUMEL               | GREEN     | 500  | LOOSE PIECE  | 1-321897-3 |
|                                | -      | AMP 22-18CH | 4.34±0.08[.171±.003] | M4[#8] | CHROMEL              | GRAY      | 500  | LOOSE PIECE  | 1-321897-0 |
|                                | -      | AMP 22-18   | 4.34±0.08[.171±.003] | M4[#8] | NICKEL PER ASTM B162 | ORANGE    | 1000 | LOOSE PIECE  | 321897     |
| MAX RECOMMENDED<br>TEMPATURURE | FINISH | STAMPING    | A                    | B      | BODY MATERIAL        | SLV COLOR | QTY  | PACKAGE TYPE | PART NO    |

|                                                                                           |                                              |                                                        |                                                                                       |                                                                                       |                                                                |                                                                                      |                                                                                                       |                  |                    |                        |                    |  |
|-------------------------------------------------------------------------------------------|----------------------------------------------|--------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|------------------|--------------------|------------------------|--------------------|--|
| AMP INCORPORATED<br>CUSTOMER SERVICE SYSTEM                                               |                                              | MAX RECOMMENDED OPERATING<br>TEMPERATURE:<br>SEE TABLE | THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |                                                                                       | DWN<br>L OLMEDA<br>10OCT94                                     |                                                                                      |  TE Connectivity |                  |                    |                        |                    |  |
| FOR ADDITIONAL<br>PRODUCT INFORMATION OR<br>COPIES OF DRAWINGS<br>AND TECHNICAL DOCUMENTS | PRODUCT INFORMATION CENTER<br>1-800-522-6752 |                                                        | DIMENSIONS:<br>mm [INCHES]                                                            | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:                                             | CHK<br>M ELLIS<br>10OCT94                                      | NAME<br><br>TERMINAL, RING TONGUE,<br>STRATOTHERM, DIAMOND GRIP,<br>WIRE SIZE: 22-16 |                                                                                                       |                  |                    |                        |                    |  |
|                                                                                           |                                              | APVD<br>S BORTNER<br>10OCT94                           |                                                                                       |                                                                                       |                                                                |                                                                                      |                                                                                                       |                  |                    |                        |                    |  |
| FOR APPLICATION<br>TOOLING INFORMATION                                                    | TOOLING ASSISTANCE CENTER<br>1-800-722-1111  | VOLTAGE RATING:<br>-<br>-                              |  | 0 PLC ± -<br>1 PLC ± -<br>2 PLC ± 0.20 [.008]<br>3 PLC ± -<br>4 PLC ± -<br>ANGLES ± - | PRODUCT SPEC<br>-                                              | SIZE<br>A3                                                                           |                                                                                                       |                  | CAGE CODE<br>00779 | DRAWING NO<br>C-321897 | RESTRICTED TO<br>- |  |
|                                                                                           |                                              |                                                        |                                                                                       |                                                                                       | APPLICATION SPEC<br>-                                          |                                                                                      |                                                                                                       |                  |                    |                        |                    |  |
| FOR ORDER ENTRY                                                                           | 1-800-526-5142                               | CIRCULAR MIL AREA:<br>0.26mm² - 1.65mm² [509-3260]     |                                                                                       |                                                                                       | MATERIAL<br>BODY, SEE TABLE<br>SLEEVE, NI SIL PER<br>ASTM B122 | FINISH<br><br>SEE TABLE                                                              | WEIGHT<br>-                                                                                           | CUSTOMER DRAWING |                    |                        |                    |  |
|                                                                                           |                                              |                                                        |                                                                                       |                                                                                       |                                                                |                                                                                      |                                                                                                       |                  |                    |                        |                    |  |
| STRANDED WIRE                                                                             |                                              |                                                        |                                                                                       |                                                                                       |                                                                | SCALE<br>6:1                                                                         |                                                                                                       | SHEET<br>1 OF 1  | REV<br>J4          |                        |                    |  |