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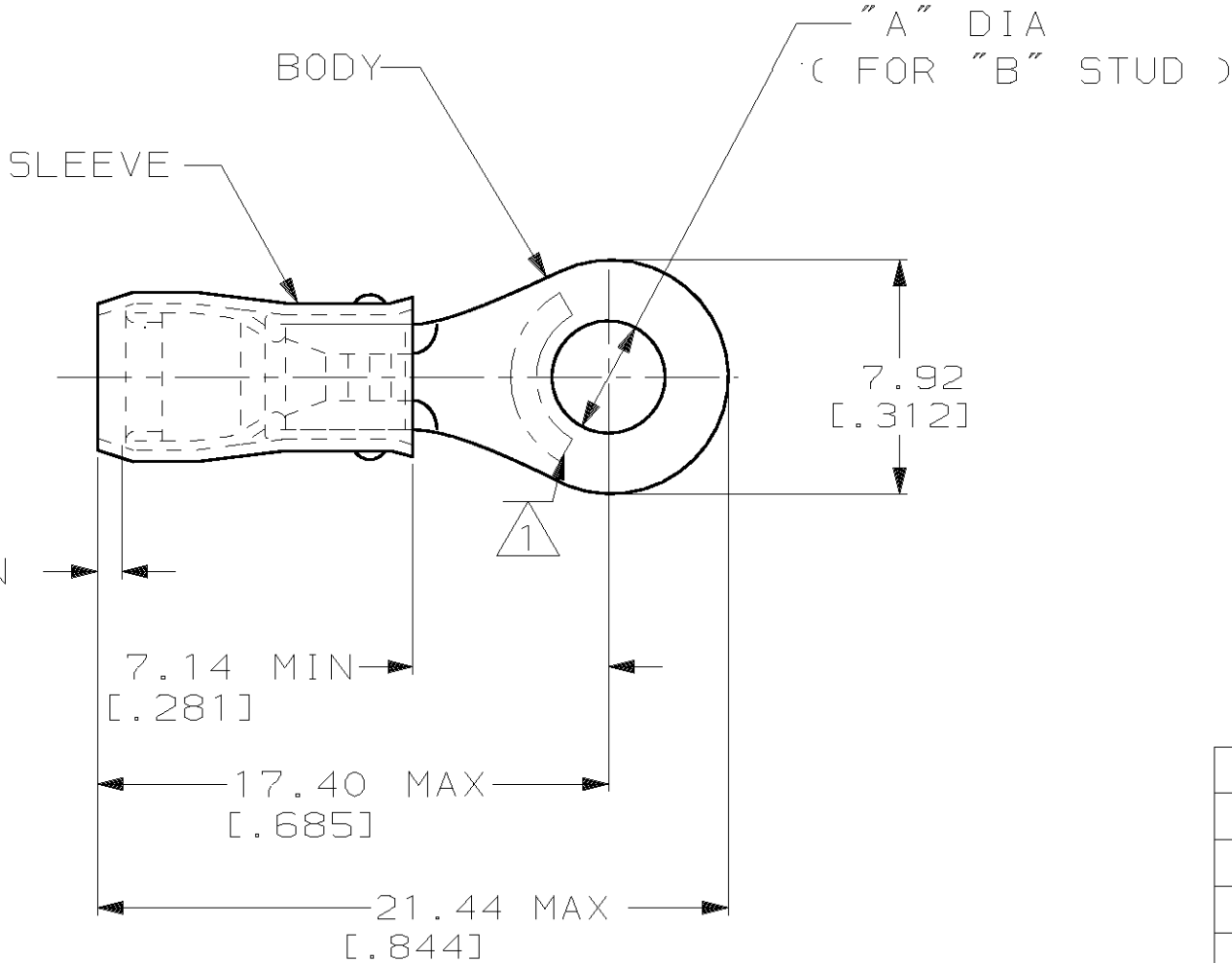
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| LOC | DIST | P | F | REVISIONS |     |                      |         |       |
|-----|------|---|---|-----------|-----|----------------------|---------|-------|
|     |      |   |   | ZONE      | LTR | DESCRIPTION          | DATE    | APPD  |
| G   | 14   |   |   |           | AB  | REV PER OG3A-0198-99 | 27OCT99 | JR/TM |
|     |      |   |   |           |     |                      |         |       |

|                                |                                                                                                      |                                                                                                         |
|--------------------------------|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| AMP<br>WIRE RANGE              |  E13288<br>Listed |  LR7189<br>Certified |
| 16-14 AWG<br>SOLID OR STRANDED | 16-14 AWG<br>SOLID OR STRANDED                                                                       | 16-14 AWG<br>SOLID OR STRANDED                                                                          |



- 1 STAMP AMP 16-14\* APPROX AS SHOWN
- 2 WIRE INSULATION DIA: 2.67-3.81  
[.105-.150]
- 3 TONGUE MATERIAL THK: 0.79±0.05  
[.031±.002]

|                            |    |                       |      |                  |           |
|----------------------------|----|-----------------------|------|------------------|-----------|
| -                          | 10 | 5.00±0.08 [.197±.003] | 100  | LOOSE PIECE, BOX | 5-51864-1 |
| -                          | 8  | 4.34±0.08 [.171±.003] | 100  | LOOSE PIECE, BOX | 4-51864-1 |
| -                          | 6  | 3.68±0.08 [.145±.003] | 100  | LOOSE PIECE, BOX | 3-51864-1 |
| MS25036-153<br>CLASS 2     | 8  | 4.34±0.08 [.171±.003] | 5000 | ON TAPE, REEL    | 51864-5   |
| MS25036-108<br>CLASS 2     | 10 | 5.00±0.08 [.197±.003] | 5000 | ON TAPE, REEL    | 51864-4   |
| MS25036-107<br>CLASS 2     | 6  | 3.68±0.08 [.145±.003] | 5000 | ON TAPE, REEL    | 51864-3   |
| MS25036-108<br>CLASS 1 & 2 | 10 | 5.00±0.08 [.197±.003] | 1000 | LOOSE PIECE      | 51864-2   |
| MS25036-153<br>CLASS 1 & 2 | 8  | 4.34±0.08 [.171±.003] | 1000 | LOOSE PIECE      | 51864-1   |
| MS25036-107<br>CLASS 1 & 2 | 6  | 3.68±0.08 [.145±.003] | 1000 | LOOSE PIECE      | 51864     |

|                                                                                  |                                              |                                                                                                                                                                               |                                                                              |                                                                                                                                                 |                                                                                                                 |         |                                                               |          |                         |           |                    |                       |
|----------------------------------------------------------------------------------|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|---------|---------------------------------------------------------------|----------|-------------------------|-----------|--------------------|-----------------------|
| AMP INCORPORATED<br>CUSTOMER SERVICE SYSTEMS                                     |                                              |                                                                                                                                                                               | MAX RECOMMENDED OPERATING TEMPERATURE:<br><br>105°C MAX                      | MILITARY P/N AND CLASS                                                                                                                          | "B"                                                                                                             | DIM "A" |                                                               | QUANTITY | PACKAGE TYPE            |           | PART NO            |                       |
| FOR ADDITIONAL PRODUCT INFORMATION OR COPIES OF DRAWINGS AND TECHNICAL DOCUMENTS | PRODUCT INFORMATION CENTER<br>1-800-522-6752 |                                                                                                                                                                               | VOLTAGE RATING:<br><br>300 V MAX                                             | DO NOT SCALE PRINT.<br>UNLESS SPECIFIED<br>DIMENSIONS IN mm [INCHES]<br>TOLERANCES ON:<br>2 PLC DEC ± 0.20[.008]<br>3 PLC DEC ± -<br>ANGLES ± - | DR 270CT99<br>JR RUTH<br>CHK 270CT99<br>RE HERSEY<br>APPD 270CT99<br>C PRESNELL<br>APPD 270CT99<br>T MICHELUTTI |         | AMP AMP Incorporated<br>Harrisburg, PA 17105-3608             |          |                         |           |                    |                       |
| FOR APPLICATION TOOLING INFORMATION                                              | TOOLING ASSISTANCE CENTER<br>1-800-722-1111  |                                                                                                                                                                               | CIRCULAR MIL AREA:<br>1.04-2.62mm² [2050-5180] CIR MILS<br>SOLID OR STRANDED |                                                                                                                                                 |                                                                                                                 |         | NAME<br>TERMINAL, RING TONGUE, PIDG™,<br>WIRE SIZE, 16-14 AWG |          |                         |           |                    |                       |
| FOR ORDER ENTRY                                                                  | 1-800-526-5142                               | THIS DRAWING IS A CONTROLLED DOCUMENT FOR AMP INCORPORATED. IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION. |                                                                              |                                                                                                                                                 |                                                                                                                 |         | FINISH<br>TIN PLATE<br>PER ASTM B545                          |          | PRODUCT SPEC<br>UL 486A | SIZE<br>B | CAGE CODE<br>00779 | DRAWING NO<br>C-51864 |
|                                                                                  |                                              |                                                                                                                                                                               |                                                                              |                                                                                                                                                 | WEIGHT -                                                                                                        |         | SCALE<br>NTS                                                  | SHEET    |                         | 1 OF 2    |                    |                       |

3 STRIPES EQUALLY SPACED FOR COLOR CODE: SEE TABLE

SLEEVE

BODY

"A" DIA ( FOR "B" STUD )

7.92 [ .312 ]

0.79 MIN [ .031 ]

7.14 MIN [ .281 ]

18.97 MAX [ .747 ]

23.01 MAX [ .906 ]

1

1

STAMP AMP APPROX AS SHOWN  
SEE TABLE BELOW

2

WIRE INSULATION DIA: 1.60-3.30 FOR 16 AWG  
[.063-.130]  
1.98-3.30 FOR 14 AWG  
[.078-.130]

3

TONGUE MATERIAL THK: 0.79±0.05  
[.031±.002]

|                           |                 |     |              |     |                         |          |                  |           |
|---------------------------|-----------------|-----|--------------|-----|-------------------------|----------|------------------|-----------|
| -                         | GREEN           | 14* | 14           | 8   | 4.34±0.08 [ .171±.003 ] | 100      | LOOSE PIECE, BOX | 9-51864-5 |
| -                         | BLUE            | 16* | 16           | 8   | 4.34±0.08 [ .171±.003 ] | 100      | LOOSE PIECE, BOX | 9-51864-3 |
| -                         | GREEN           | 14* | 14           | 10  | 5.00±0.08 [ .197±.003 ] | 100      | LOOSE PIECE, BOX | 9-51864-1 |
| -                         | GREEN           | 14* | 14           | 6   | 3.68±0.08 [ .145±.003 ] | 100      | LOOSE PIECE, BOX | 8-51864-1 |
| -                         | BLUE            | 16* | 16           | 10  | 5.00±0.08 [ .197±.003 ] | 100      | LOOSE PIECE, BOX | 7-51864-1 |
| -                         | BLUE            | 16* | 16           | 6   | 3.68±0.08 [ .145±.003 ] | 100      | LOOSE PIECE, BOX | 6-51864-1 |
| M7928/1-50<br>CLASS 2     | GREEN           | 14* | 14           | 8   | 4.34±0.08 [ .171±.003 ] | 5000     | ON TAPE, REEL    | 1-51864-7 |
| M7928/1-51<br>CLASS 2     | GREEN           | 14* | 14           | 10  | 5.00±0.08 [ .197±.003 ] | 5000     | ON TAPE, REEL    | 1-51864-5 |
| M7928/1-42<br>CLASS 2     | BLUE            | 16* | 16           | 10  | 5.00±0.08 [ .197±.003 ] | 5000     | ON TAPE, REEL    | 1-51864-3 |
| M7928/1-40<br>CLASS 2     | BLUE            | 16* | 16           | 6   | 3.68±0.08 [ .145±.003 ] | 5000     | ON TAPE, REEL    | 1-51864-2 |
| M7928/1-50<br>CLASS 1 & 2 | GREEN           | 14* | 14           | 8   | 4.34±0.08 [ .171±.003 ] | 1000     | LOOSE PIECE      | 1-51864-1 |
| M7928/1-41<br>CLASS 1 & 2 | BLUE            | 16* | 16           | 8   | 4.34±0.08 [ .171±.003 ] | 1000     | LOOSE PIECE      | 1-51864-0 |
| M7928/1-51<br>CLASS 1 & 2 | GREEN           | 14* | 14           | 10  | 5.00±0.08 [ .197±.003 ] | 1000     | LOOSE PIECE      | 51864-9   |
| M7928/1-49<br>CLASS 1 & 2 | GREEN           | 14* | 14           | 6   | 3.68±0.08 [ .145±.003 ] | 1000     | LOOSE PIECE      | 51864-8   |
| M7928/1-42<br>CLASS 1 & 2 | BLUE            | 16* | 16           | 10  | 5.00±0.08 [ .197±.003 ] | 1000     | LOOSE PIECE      | 51864-7   |
| M7928/1-40<br>CLASS 1 & 2 | BLUE            | 16* | 16           | 6   | 3.68±0.08 [ .145±.003 ] | 1000     | LOOSE PIECE      | 51864-6   |
| MILITARY P/N<br>AND CLASS | STRIPE<br>COLOR | 1   | WIRE<br>SIZE | "B" | DIM "A"                 | QUANTITY | PACKAGE TYPE     | PART NO   |

AMP INCORPORATED  
CUSTOMER SERVICE SYSTEMS

FOR ADDITIONAL PRODUCT INFORMATION OR COPIES OF DRAWINGS AND TECHNICAL DOCUMENTS

FOR APPLICATION

TOOLING INFORMATION

FOR ORDER ENTRY

PRODUCT INFORMATION CENTER

1-800-522-6752

TOOLING ASSISTANCE CENTER

1-800-722-1111

1-800-526-5142

MAX RECOMMENDED OPERATING TEMPERATURE: 105°C MAX

VOLTAGE RATING: 300 V MAX

WIRE RANGE: 16 14

CIRC MIL AREA: 1.42mm<sup>2</sup> [2800] 2.15mm<sup>2</sup> [4234]

STRANDED

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DO NOT SCALE PRINT. UNLESS SPECIFIED DIMENSIONS IN mm [INCHES] TOLERANCES ON:  
2 PLC DEC ± 0.20[.008]  
3 PLC DEC ± -  
ANGLES ± -

MATERIAL  
COPPER PER ASTM B-152  
SLEEVE, BLUE NYLON

FINISH  
TIN PLATE  
PER ASTM B545

DR 260CT99  
JR RUTH

CHK 260CT99  
RE HERSEY

APPD 260CT99  
C PRESNELL

APPD 260CT99  
T MICHELUTTI

PRODUCT SPEC  
-

APPLICATION SPEC  
NOT AVAILABLE

WEIGHT  
-

AMP

AMP Incorporated  
Harrisburg, PA 17105-3608

NAME  
TERMINAL, RING TONGUE, I.R.,  
PIDG™, WIRE SIZE, 16-14 AWG

SIZE  
B

CAGE CODE  
00779

DRAWING NO  
C-51864

SCALE  
NTS

SHEET  
2 OF 2