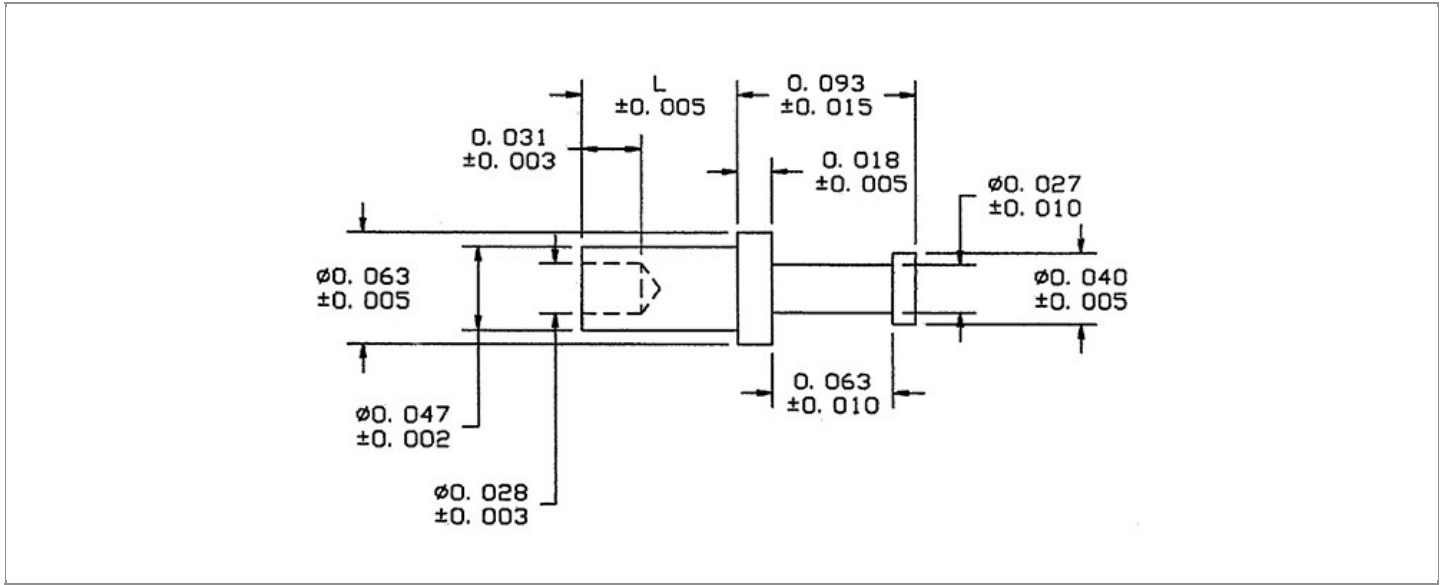


|                        |                                  |
|------------------------|----------------------------------|
| <b>DRAWING NUMBER:</b> | <b>15R-104-X-XX</b>              |
| <b>PRODUCT GROUP:</b>  | TERMINALS                        |
| <b>SUB-GROUP:</b>      | MILITARY NON-INSULATED TERMINALS |
| <b>DESCRIPTION:</b>    | NON-INSULATED TURRET TERMINAL    |



| BOARD / PANEL MOUNTING METHOD | MOUNTING HOLE SIZE | DRILL SIZE | FEED THRU COMBINATION |
|-------------------------------|--------------------|------------|-----------------------|
| SWAGE MOUNT                   | 0.052" ± 0.001     | #55        | N/A                   |

**PART NO. STRUCTURE:**

15R-104 - X - XX  
 PART SERIES    DIMENSION    FINISH

**MATERIAL OPTIONS:**

15R-104-X-XX

| COMPONENT | MATERIAL        | MATERIAL AND SPECIFICATION                  |
|-----------|-----------------|---|
| TERMINAL  | PHOSPHOR BRONZE | PHOSPHOR BRONZE PER ASTM B139, ALLOY C54400 |

**DIMENSION OPTIONS:**

15R-104-X-XX

| DIMENSION | K   | OVERALL LENGTH | SHANK LENGTH (L) | BOARD/PANEL THICKNESS |
|-----------|-----|----------------|------------------|-----------------------|
| 1         | N/A | 0.144"         | 0.051"           | 1/32"                 |
| 2         | N/A | 0.175"         | 0.082"           | 1/16"                 |
| 3         | N/A | 0.206"         | 0.113"           | 3/32"                 |
| 4         | N/A | 0.238"         | 0.145"           | 1/8"                  |
| 11        | N/A | 0.128"         | 0.035"           | 1/64"                 |

FINISH - PLATING OPTIONS:

15R-104-X-**XX**

| FINISH CODE | COMPONENT | FINISH          | FINISH AND SPECIFICATION   |
|-------------|-----------|-----------------|--|
| 05          | TERMINAL  | ELECTRO-SOLDER  | 0.000300"MIN. ELECTRO-SOLDER PER SAE-AMS-P-81728 OVER 0.000100"MIN. COPPER PER SAE-AMS-2418          |
| 088         | TERMINAL  | BRIGHT TIN-LEAD | 0.000300"MIN. BRIGHT TIN-LEAD (Sn93%-Pb7%) PER ASTM B545 OVER 0.000100"MIN. COPPER PER SAE-AMS-2418  |
| 095         | TERMINAL  | HOT SOLDER DIP  | 0.000100"MIN. HOT SOLDER DIP USING Sn60 PER IPC-J-STD-006 OVER 0.000100"MIN. COPPER PER SAE-AMS-2418 |

TOLERANCES:\*

| DECIMAL | FRACTIONAL | ANGULAR | DRAWING ORIGATION DATE | LAST MODIFICATION DATE |
|---------|------------|---------|------------------------|------------------------|
| ± 0.010 | ± 1/64     | ± 5 °   | 4/9/1997               | 3/1/2017               |

\*All dimensions are in inches.

RoHS COMPLIANCE:

15R-104-1-XX

| PART NUMBER   | RoHS COMPLIANT |
|---------------|----------------|
| 15R-104-1-05  | NO             |
| 15R-104-1-088 | NO             |
| 15R-104-1-095 | NO             |

15R-104-2-XX

| PART NUMBER   | RoHS COMPLIANT |
|---------------|----------------|
| 15R-104-2-05  | NO             |
| 15R-104-2-088 | NO             |
| 15R-104-2-095 | NO             |

15R-104-3-XX

| PART NUMBER   | RoHS COMPLIANT |
|---------------|----------------|
| 15R-104-3-05  | NO             |
| 15R-104-3-088 | NO             |
| 15R-104-3-095 | NO             |

15R-104-4-XX

| PART NUMBER   | RoHS COMPLIANT |
|---------------|----------------|
| 15R-104-4-05  | NO             |
| 15R-104-4-088 | NO             |
| 15R-104-4-095 | NO             |

15R-104-11-XX

| PART NUMBER    | RoHS COMPLIANT |
|----------------|----------------|
| 15R-104-11-05  | NO             |
| 15R-104-11-088 | NO             |
| 15R-104-11-095 | NO             |

MILITARY REFERENCE SPECIFICATIONS:

15R-104-1-XX

| PART NUMBER   | MIL SPECIFICATION | MIL PART NUMBER                            | COMMERCIAL ITEM DESCRIPTION (CID) SPECIFICATION | CID PART NUMBER |
|---------------|-------------------|--|---|-----------------|
| 15R-104-1-05  | MIL-T-55155/29    | M55155/29XB02<br>(M55155/29-2Z; SE29XC02Z) | A-A-59126/29                                    | AA59126/29XB02  |
| 15R-104-1-088 | MIL-T-55155/29    | M55155/29XD02                              | A-A-59126/29                                    | AA59126/29XD02  |
| 15R-104-1-095 | MIL-T-55155/29    | M55155/29XC02                              | A-A-59126/29                                    | AA59126/29XC02  |

Continued on next page...

MILITARY REFERENCE SPECIFICATIONS CONTINUED:

15R-104-2-XX

| PART NUMBER   | MIL SPECIFICATION | MIL PART NUMBER                            | COMMERCIAL ITEM DESCRIPTION (CID) SPECIFICATION | CID PART NUMBER |
|---------------|-------------------|--|---|-----------------|
| 15R-104-2-05  | MIL-T-55155/29    | M55155/29XB05<br>(M55155/29-5Z; SE29XC05Z) | A-A-59126/29                                    | AA59126/29XB05  |
| 15R-104-2-088 | MIL-T-55155/29    | M55155/29XD05                              | A-A-59126/29                                    | AA59126/29XD05  |
| 15R-104-2-095 | MIL-T-55155/29    | M55155/29XC05                              | A-A-59126/29                                    | AA59126/29XC05  |

15R-104-3-XX

| PART NUMBER   | MIL SPECIFICATION | MIL PART NUMBER                            | COMMERCIAL ITEM DESCRIPTION (CID) SPECIFICATION | CID PART NUMBER |
|---------------|-------------------|--|---|-----------------|
| 15R-104-3-05  | MIL-T-55155/29    | M55155/29XB08<br>(M55155/29-8Z; SE29XC08Z) | A-A-59126/29                                    | AA59126/29XB08  |
| 15R-104-3-088 | MIL-T-55155/29    | M55155/29XD08                              | A-A-59126/29                                    | AA59126/29XD08  |
| 15R-104-3-095 | MIL-T-55155/29    | M55155/29XC08                              | A-A-59126/29                                    | AA59126/29XC08  |

15R-104-4-XX

| PART NUMBER   | MIL SPECIFICATION | MIL PART NUMBER                             | COMMERCIAL ITEM DESCRIPTION (CID) SPECIFICATION | CID PART NUMBER |
|---------------|-------------------|---|---|-----------------|
| 15R-104-4-05  | MIL-T-55155/29    | M55155/29XB11<br>(M55155/29-11Z; SE29XC11Z) | A-A-59126/29                                    | AA59126/29XB11  |
| 15R-104-4-088 | MIL-T-55155/29    | M55155/29XD11                               | A-A-59126/29                                    | AA59126/29XD11  |
| 15R-104-4-095 | MIL-T-55155/29    | M55155/29XC11                               | A-A-59126/29                                    | AA59126/29XC11  |

15R-104-11-XX

| PART NUMBER    | MIL SPECIFICATION | MIL PART NUMBER                            | COMMERCIAL ITEM DESCRIPTION (CID) SPECIFICATION | CID PART NUMBER |
|----------------|-------------------|--|---|-----------------|
| 15R-104-11-05  | MIL-T-55155/29    | M55155/29XB01<br>(M55155/29-1Z; SE29XC01Z) | A-A-59126/29                                    | AA59126/29XB01  |
| 15R-104-11-088 | MIL-T-55155/29    | M55155/29XD01                              | A-A-59126/29                                    | AA59126/29XD01  |
| 15R-104-11-095 | MIL-T-55155/29    | M55155/29XC01                              | A-A-59126/29                                    | AA59126/29XC01  |

TOOLING:

| INSTALLATION TOOL:<br>ARBOR PRESS | INSTALLATION TOOL:<br>ANVIL<br>(ARBOR PRESS OPERATED) | INSTALLATION TOOL: PRESS-FIT /<br>ROLL SWAGE / RIVET PUNCH<br>(ARBOR PRESS OPERATED) | INSTALLATION TOOL:<br>FLARE SWAGE PUNCH<br>(ARBOR PRESS OPERATED) |
|-----------------------------------|---|--|---|
| TM1                               | TA62-40-18  | TP47-26  | TFLP90-150  |

**NOTES:**

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**DATASHEET NOTES**

N/A

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**INSTRUCTION NOTES**

SEE GENERAL SWAGING INSTALLATION INSTRUCTION ON CONCORD ELECTRONICS' WEBSITE [WWW.CONCORD-ELECTRONICS.COM](http://WWW.CONCORD-ELECTRONICS.COM)

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