

|                        |                                                  |
|------------------------|--------------------------------------------------|
| <b>DRAWING NUMBER:</b> | <b>10-433-X-XX</b>                               |
| <b>PRODUCT GROUP:</b>  | TERMINALS                                        |
| <b>SUB-GROUP:</b>      | COMMERCIAL NON-INSULATED TERMINALS               |
| <b>DESCRIPTION:</b>    | NON-INSULATED THRU-HOLE KNURLED SLOTTED TERMINAL |



DRAWING NOT AVAILABLE AT THIS TIME.  
PLEASE CONTACT CONCORD ELECTRONICS'  
ENGINEERING DEPT. FOR ASSISTANCE.

| BOARD / PANEL<br>MOUNTING METHOD | MOUNTING HOLE SIZE | DRILL SIZE | FEED THRU COMBINATION |
|----------------------------------|--------------------|------------|-----------------------|
| SWAGE MOUNT                      | 0.182" ± 0.001     | #14        | N/A                   |

#### PART NO. STRUCTURE:

|               |   |           |   |           |
|---------------|---|-----------|---|-----------|
| <b>10-433</b> | - | <b>X</b>  | - | <b>XX</b> |
| PART SERIES   |   | DIMENSION |   | FINISH    |

#### MATERIAL OPTIONS:

10-433-X-XX

| COMPONENT | MATERIAL | MATERIAL AND SPECIFICATION                 |
|-----------|----------|--------------------------------------------|
| TERMINAL  | BRASS    | BRASS PER ASTM B16, ALLOY C36000, 1/2 HARD |

#### DIMENSION OPTIONS:

10-433-X-XX

| DIMENSION | A   | D   | PIN DIAMETER | OVERALL LENGTH | SHANK LENGTH (L) | BOARD/PANEL THICKNESS |
|-----------|-----|-----|--------------|----------------|------------------|-----------------------|
| 3         | N/A | N/A | N/A          | 0.829"         | 0.141"           | 3/32"                 |
| 4         | N/A | N/A | N/A          | 0.860"         | 0.172"           | 1/8"                  |
| 6         | N/A | N/A | N/A          | 0.922"         | 0.234"           | 3/16"                 |
| 8         | N/A | N/A | N/A          | 0.985"         | 0.297"           | 1/4"                  |

## FINISH - PLATING OPTIONS:

10-433-X-**XX**

| FINISH CODE | COMPONENT | FINISH             | FINISH AND SPECIFICATION                                                                            |
|-------------|-----------|--------------------|-----------------------------------------------------------------------------------------------------|
| 01          | TERMINAL  | SILVER             | 0.000300"MIN. SILVER PER ASTM B700, TYPE 2, GRADE D WITH A NON-CHROMATE PRESERVATIVE TREATMENT      |
| 03          | TERMINAL  | GOLD               | 0.000010"MIN. GOLD PER ASTM B488, TYPE II, CODE C OVER 0.000050"MIN. NICKEL PER SAE-AMS-QQ-N-290    |
| 035         | TERMINAL  | GOLD               | 0.000050"MIN. GOLD PER ASTM B488, TYPE II, CODE C OVER 0.000050"MIN. NICKEL PER SAE-AMS-QQ-N-290    |
| 04          | TERMINAL  | ELECTRO-TIN        | 0.000300"MIN. ELECTRO-TIN PER ASTM B545 OVER 0.000100"MIN. COPPER PER SAE-AMS-2418                  |
| 044         | TERMINAL  | BRIGHT ELECTRO-TIN | 0.000300"MIN. BRIGHT ELECTRO-TIN PER ASTM B545 OVER 0.000100"MIN. COPPER PER SAE-AMS-2418           |
| 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 |

## TOLERANCES:\*

| DECIMAL | FRACTIONAL | ANGULAR | DRAWING ORIGATION DATE | LAST MODIFICATION DATE |
|---------|------------|---------|------------------------|------------------------|
| ± 0.005 | ± 1/64     | ± 5 °   | 3/4/1991               | 3/1/2017               |

\*All dimensions are in inches.

## RoHS COMPLIANCE:

## 10-433-3-XX

| PART NUMBER  | RoHS COMPLIANT |
|--------------|----------------|
| 10-433-3-01  | YES            |
| 10-433-3-03  | YES            |
| 10-433-3-035 | YES            |
| 10-433-3-04  | YES            |
| 10-433-3-044 | YES            |
| 10-433-3-05  | NO             |
| 10-433-3-088 | NO             |

## 10-433-4-XX

| PART NUMBER  | RoHS COMPLIANT |
|--------------|----------------|
| 10-433-4-01  | YES            |
| 10-433-4-03  | YES            |
| 10-433-4-035 | YES            |
| 10-433-4-04  | YES            |
| 10-433-4-044 | YES            |
| 10-433-4-05  | NO             |
| 10-433-4-088 | NO             |

## 10-433-6-XX

| PART NUMBER  | RoHS COMPLIANT |
|--------------|----------------|
| 10-433-6-01  | YES            |
| 10-433-6-03  | YES            |
| 10-433-6-035 | YES            |
| 10-433-6-04  | YES            |
| 10-433-6-044 | YES            |
| 10-433-6-05  | NO             |
| 10-433-6-088 | NO             |

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## RoHS COMPLIANCE CONTINUED:

## 10-433-8-XX

| PART NUMBER  | RoHS COMPLIANT |
|--------------|----------------|
| 10-433-8-01  | YES            |
| 10-433-8-03  | YES            |
| 10-433-8-035 | YES            |
| 10-433-8-04  | YES            |
| 10-433-8-044 | YES            |
| 10-433-8-05  | NO             |
| 10-433-8-088 | NO             |

## TOOLING:

| INSTALLATION TOOL:<br>ARBOR PRESS | INSTALLATION TOOL:<br>ANVIL<br>(ARBOR PRESS OPERATED) | INSTALLATION TOOL:<br>PRESS-FIT / ROLL SWAGE / RIVET PUNCH<br>(ARBOR PRESS OPERATED) | INSTALLATION TOOL:<br>FLARE SWAGE PUNCH<br>(ARBOR PRESS OPERATED) |
|-----------------------------------|-------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| TM1                               | TA10-433                                              | TP185-120                                                                            | TFLP90-250                                                        |

## NOTES:

| DATASHEET NOTES                                                                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| N/A                                                                                                                                                         |
| INSTRUCTION NOTES                                                                                                                                           |
| SEE GENERAL SWAGING INSTALLATION INSTRUCTION ON CONCORD ELECTRONICS' WEBSITE <a href="http://WWW.CONCORD-ELECTRONICS.COM">WWW.CONCORD-ELECTRONICS.COM</a> . |