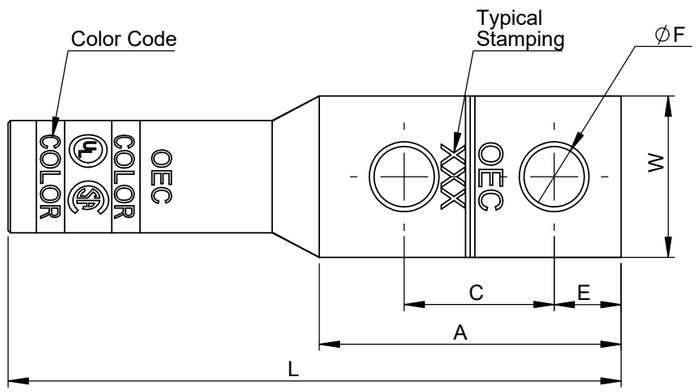
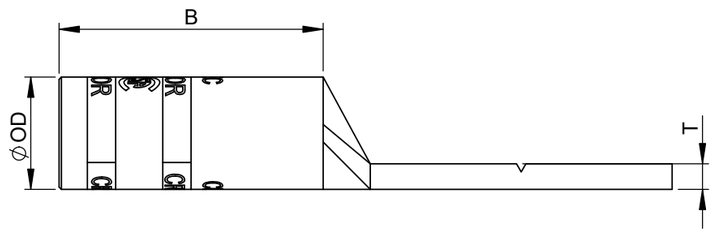
| Catalog Id | | Conductor | | | Stud Size | Dimensions | | | | | | | | | Color Code | Installation Tooling | | | | | Dieless |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Without Inspection Window (Fig-1) | With Inspection Window (Fig-2) | AWG | Flex Conductor G,H,I,K,M & DLO | Expanded Cod. Range | | OD | L | B | A | W | T | ∅F | E | C | | Burndy Model - Y35, Y39, Y750, PAT750, PAT750LI | Ilsco ILC-12-N, ILC-12-H-N, ILCB-12 | | Huskie Model - EP-510C Die Index | Greeniee HK1240 | |
| BA98099 | PBA98099 | #3/0 | #2/0 | #3/0 - #2 | 5/16 | 0.62 [15.80] | 3.50 [89.00] | 1.38 [35.00] | 1.81 [46.00] | 0.90 [22.90] | 0.12 [3.20] | 0.33 [8.40] | 0.32 [8.10] | 1.00 [25.40] | Orange | U27RT | ILD-10 | ILD - 50 | HT41BA | KC12-3/0 | Burndy Dieless - PAT444S & PAT4PC834LI.<br>Ilsco Dieless -IDT-6, IDT-6H, IDTB-6, IDTB-6-LIO, TB-6DF1000-P,IDT-12-N, IVTB-6.<br>Greenlee & NSI Dieless - HK12ID, EK12IDL, N12ID. |
| BA98099A | PBA98099A | | | | 3/8 | 0.62 [15.80] | 3.50 [89.00] | 1.38 [35.00] | 1.81 [46.00] | 0.90 [22.90] | 0.12 [3.20] | 0.41 [10.50] | 0.38 [9.70] | 1.00 [25.40] | | | | | | | |
| BA98099B | PBA98099B | | | | 1/4 | 0.62 [15.80] | 3.07 [78.00] | 1.38 [35.00] | 1.38 [35.00] | 0.90 [22.90] | 0.12 [3.20] | 0.25 [6.40] | 0.28 [7.10] | 0.75 [19.10] | | | | | | | |
| BA98099C | PBA98099C | | | | 1/4 | 0.62 [15.80] | 2.95 [75.00] | 1.38 [35.00] | 1.26 [32.00] | 0.90 [22.90] | 0.12 [3.20] | 0.25 [6.40] | 0.28 [7.10] | 0.62 [15.90] | | | | | | | |
| BA98100 | PBA98100 | | | | 3/8 | 0.62 [15.80] | 4.68 [119.00] | 1.38 [35.00] | 2.99 [76.00] | 0.90 [22.90] | 0.12 [3.20] | 0.41 [10.50] | 0.61 [15.70] | 1.75 [44.50] | | | | | | | |
| BA98100A | PBA98100A | | | | 1/2 | 0.62 [15.80] | 4.68 [119.00] | 1.38 [35.00] | 2.99 [76.00] | 0.90 [22.90] | 0.12 [3.20] | 0.51 [13.00] | 0.61 [15.70] | 1.75 [44.50] | | | | | | | |



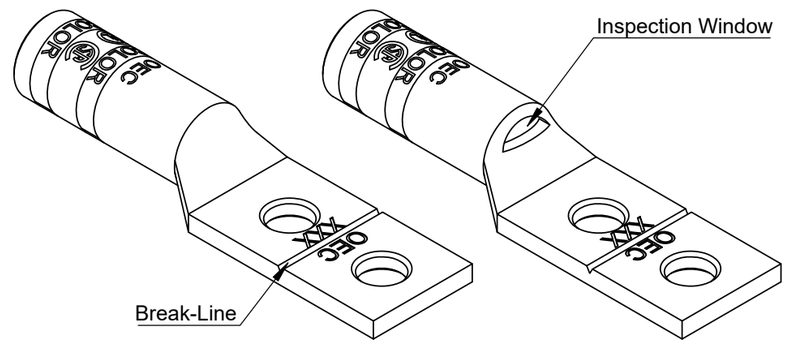




Fig-1

Fig-2

Note:
- Manufactured from high strength seamless Copper tubing
- Color coded die index and crimp marks
- Electro-Tin plated for corrosion resistance
- Pre-filled with oxide inhibitor and capped with color coded cap.
- UL486A/B Listed for Wire Connectors
- UL Listed and CSA Certified with competitor's compression tools
- Listed for use with class B & C, flex class G, H, I, K, M & DLO cable

## Crimping Instructions

- Select the proper lug or splice connector for the size of cable being installed, ensuring that the size matches the description in the table.
- Strip the insulation from the cable to a length so that the stripped area of the cable can be completely inserted into and fill the barrel of the lug or splice. Carefully strip the insulation from the cable without nicking the strands.
- Clean the stripped portion of the cable to remove oxide films.
- The stripped portion of the cable must be clean and inserted completely into the connector barrel.
- Using the tool and die combination specified for that connector in the table above, install crimps, leaving a space of 1/8 inch minimum between successive crimps.
  For Short Barrel Connectors, apply 1 crimp,
  For Long Barrel Connectors, apply 2 crimps on the color coded bands

| TOLERANCE | | | | | |
|---|---|---|---|---|---|
| OD | L | B | A | W | ∅F |
| ±0.20 | ±1.0 | ±0.50 | ±0.50 | ±1.0 | ±0.20 |

TOLERANCES-UNLESS OTHERWISE SPECIFIED
2 PL. DEC. ±.015 TRUE C.L. ±.015
3 PL. DEC. ±.015 ANGLES ±.015

| | NAME | DATE |
|---|---|---|
| DRAWN | R.P | 08.03.25 |
| CHECK | S.P. | 08.03.25 |
| APPROVED | M.K. | 08.03.25 |

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DWG. NO. OC-0015

PROJECTION: FIRST ANGLE

SIZE A3

TITLE: Copper Two Hole Long Barrel Compression Lug Break-Away

MATERIAL Refer Note

FINISH Refer Note

Cat Id. BA98099 - BA98100A | REV

DO NOT SCALE DRAWING | SHEET 9 OF 19

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