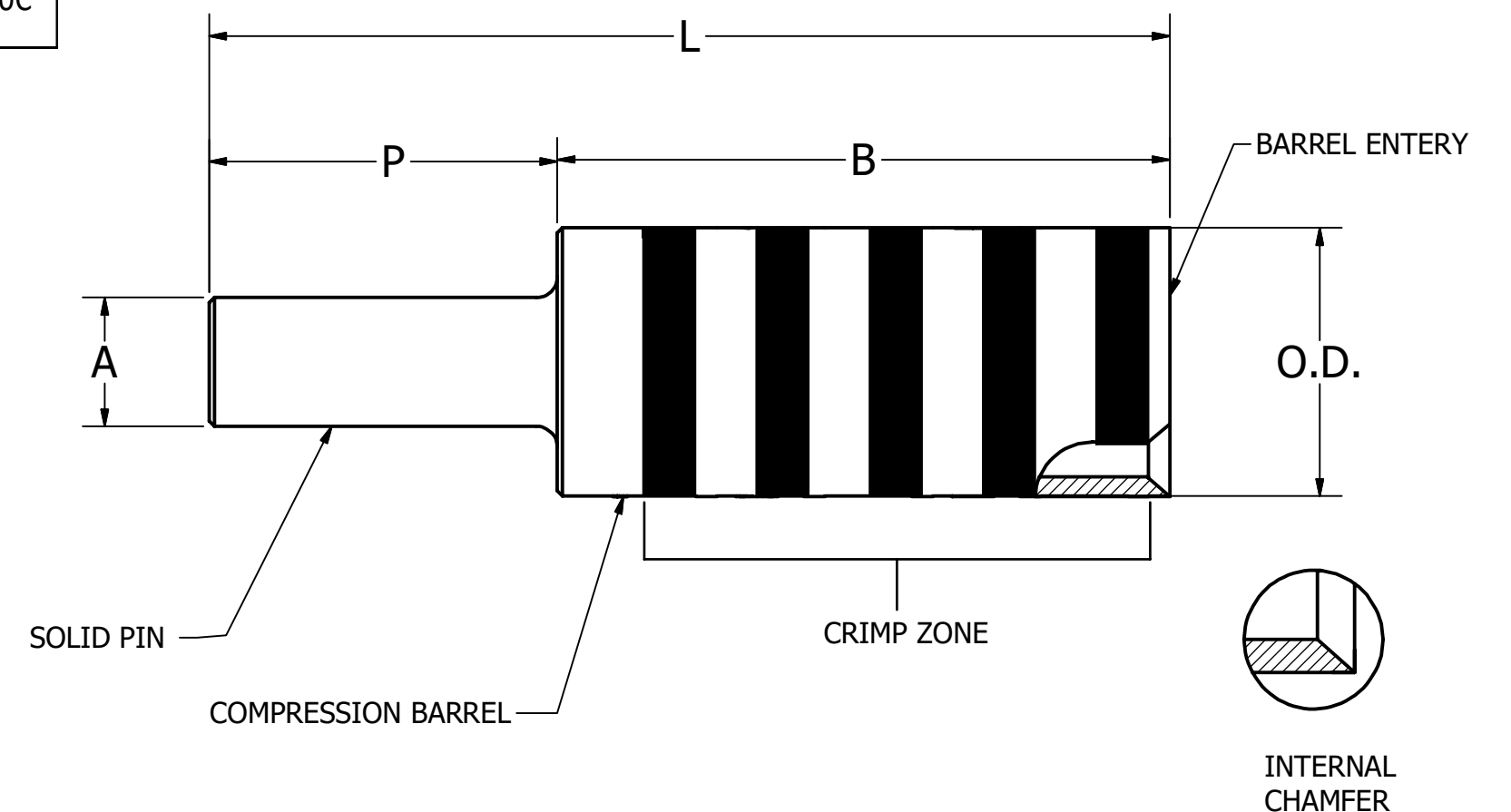
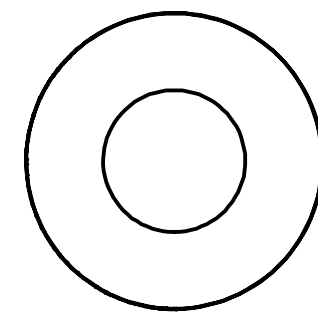


| REV | DATE | DESCRIPTION | EC | BY | CHK. |
|-----|------------|-------------|--------------|----|------|
| A | 02/09/2021 | NEW DRAWING | 210204004642 | SS | YR |

| Pin Catalog Number | Accommodates | | Pin Size Solid Wire Equiv | Dimensions | | | | | Color Code Die Index | Wire Strip Length | Cover Catalog Number |
|--------------------|---------------------------------|---|---------------------------|-----------------------|--------------------|-------------------|----------------|------------------|----------------------|-------------------|----------------------|
| | Copper Code Conductor Class B,C | Copper Flex Conductor Classes | | Outside Diameter (OD) | Overall Length (L) | Barrel Length (B) | Pin Length (L) | Pin Diameter (A) | | | |
| YEV4CP6X75FX | 4 AWG | 4 G,H,I,K,M, DLO | 6 AWG | 0.38 | 2.05 | 1.30 | 0.75 | 0.16 | GRAY 8 | 1 1/4 | AYP6C |
| YEV2CP4X75FX | 2 AWG | 2 G,H,I,K,M, DLO | 4 AWG | 0.46 | 2.07 | 1.32 | 0.75 | 0.21 | BROWN 10 | 1 1/4 | |
| YEV1CP3X84FX | 1 AWG | 1 G,H,I,K,M, DLO | 3 AWG | 0.51 | 2.17 | 1.33 | 0.84 | 0.23 | GREEN 11 | 1 1/4 | |
| YEV25P2X84FX | 1/0 AWG | 1/0 G,H,I,K,M, DLO | 2 AWG | 0.56 | 2.54 | 1.70 | 0.84 | 0.26 | PINK 12 | 1 3/4 | AYP26C |
| YEV26P1X84FX | 2/0 AWG | 2/0 G,H,I,K,M, DLO | 1 AWG | 0.63 | 2.56 | 1.72 | 0.84 | 0.29 | BLACK 13 | 1 3/4 | |
| YEV27P1/OX84FX | 3/0 AWG | 3/0 G,H,I,K,M, DLO | 1/0 AWG | 0.70 | 2.58 | 1.74 | 0.84 | 0.33 | ORANGE 14 | 1 3/4 | |
| YEV28P2/OX100FX | 4/0 AWG | 4/0 G,H,I,K,M, DLO | 2/0 AWG | 0.77 | 2.76 | 1.76 | 1.00 | 0.37 | PURPLE 15 | 1 3/4 | |
| YEV29P3/OX109FX | 250 kcmil | 4/0 G,H,I,K,M, DLO | 3/0 AWG | 0.80 | 2.85 | 1.76 | 1.09 | 0.41 | YELLOW 16 | 1 3/4 | |
| YE31P4/OX110FX | 300 kcmil 350 kcmil | 250 kcmil G,H,I,K, 262 kcmi DLO | 4/0 AWG | 0.88 | 3.47 | 2.37 | 1.10 | 0.46 | WHITE 17 | 2 1/4 | AYP250C |
| YE32P250X125FX | 400 kcmil | 300 kcmil G,H,I,K, 313 kcmi DLO | 250 kcmil | 0.95 | 3.64 | 2.39 | 1.25 | 0.51 | BLUE 19 | 2 1/4 | |
| YE34P250X125FX | 500 kcmil | 350 kcmil G,H,I,K, 373 kcmil DLO | 250 kcmil | 1.06 | 3.66 | 2.41 | 1.25 | 0.51 | BROWN 20 | 2 1/4 | |
| YE36P350X150FX | 600 kcmil | 500 kcmi G,H, 444 kcmi DLO | 350 kcmil | 1.19 | 3.72 | 2.22 | 1.50 | 0.59 | GREEN 22 | 2 1/4 | AYP400C |
| YE38P350X150FX | 700 kcmil | 500 kcmi H,I,K 550 kcmi G,H,I, 535 kcmi DLO | 350 kcmil | 1.25 | 3.77 | 2.27 | 1.50 | 0.59 | PINK 400 | 2 1/4 | |
| YE39P500X150FX | 750 kcmil | 600 kcmi G,H,I,K 646 kcmi DLO | 500 kcmil | 1.30 | 3.85 | 2.35 | 1.50 | 0.71 | BLACK 24 | 2 1/4 | |
| YE44P600X170FX | 1000 kcmil | 750 kcmi G,H,I, 777 kcmi DLO | 600 kcmil | 1.50 | 4.17 | 2.47 | 1.7 | 0.78 | WHITE 27 | 2 3/8 | AYPO900C |



NOTES:

- CONNECTOR: UNINSULATED COMPRESSION PIN ADAPTER.
- CONNECTION: COMPRESSION CONNECTIONS ARE MADE IRREVERSIBLE AND MAINTENANCE FREE.
- APPLICABLE STANDARDS: CONNECTORS ARE ONLY UL LISTED AND CSA CERTIFIED WHEN INSTALLED WITH THE BURNDY ENGINEERED SYSTEM AND SELECT OTHER CRIMP TOOL MANUFACTURERS IN ACCORDANCE WITH ONE OR MORE UL CATEGORIES.
 - cULus Listed WIRE-CONNECTOR ADAPTERS. TESTED IN ACRODANCE TO UL 486A-486B, CSA C22.2 NO 65 WIRE CONNECTORS.
- CONNECTOR WITHOUT COVER: TEMPERATURE AND VOLTAGE RATING: 90°C, UP TO 35kV.
- COPPER WIRE ACCOMMODATE TYPES (SEE TABLE):
 - CLASS B (CONCENTRIC, COMPRESSED, COMPACT) OR CLASS C.
 - FLEXIBLE CLASS WIRE: SEE TABLE FOR WIRE CLASSES.
- CONNECTORS ARE TIN PLATED, UNLESS OTHERWISE SPECIFIED.
- CONNECTOR DESIGN FEATURES:
 - TYPICAL BARREL INK MARKINGS (AS SPACE PERMITS AND APPLICABLE): CRIMP ZONE IS INDICATD BY COLOR BANDS, BURNDY CORPORATE NAME OR LOGO, UL LOGO, CSA LOGO, WIRE SIZE, DIE COLOR CODE, INDEX NUMBER.
 - BARREL DESIGN: BARREL END AT THE WIRE ENTRY HAS AN INTERNAL CHAMFER, ALLOWING FOR SMOOTH WIRE INSERTION.
 - SOLID PIN DESIGN IS RATED TO CARRY THE EQUIVALENT AMPACITY OF THE INCOMING WIRE BEING TERMINATED.
- COVERS ARE SUPPLIED WITH THE CONNECTORS.
 - COVER MATERIAL TYPES INCLUDE: SANTOPRENE OR PVC.
 - COVERS ARE UL LISTED AND CSA CERTIFIED AND RATED UP TO 600 VOLTS AND 90°C.
- INSTALLATION TOOLING AND DIES ARE CONSTANTLY BEING UPDATED. FOR THE LATEST INSTALLATION TOOLING INFORMATION REFER TO THE MASTER CATALOG ON THE BURNDY WEBSITE.
- DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS ROUNDED OFF TO THE NEAREST MILLIMETER, UNLESS OTHER SPECIFIED AND ARE FOR REFERENCE ONLY.
- FOR PROPER INSTALLATION INSTRUCTIONS, SEE PRODUCT INSTALLATION GUIDE ON THE LAST SHEET.


| | | | |
|---|--|-------------------------------|--------------|
| TO ORDER BURNDY® PRODUCTS CALL | | COPPER PIN ADAPTOR | |
| UNITED STATES 1-800-346-4175 (LONDONDERRY, NH) | | ITEM NO: (SEE TABLE) | |
| CANADA: 1-800-361-6975 (QUEBEC) 1-800-387-6487 (ALL OTHER PROVINCES) | | CAT. NO: (SEE TABLE) | |
| FOR PRODUCT INFO: http://www.burndy.com | | DRAWN BY: M.SAURABH 2/4/2021 | |
| | | CHECKER: R.YOGARAJ 2/8/2021 | |
| | | DSN APRVL: B.MICHAUD 2/9/2021 | |
| | | MFG APRVL: -- | |
| | | QA APRVL: -- | |
| | | MKT APRVL: -- | |
| | | PROD FAM: -- | DRAWING NO |
| | | PROJECT #: -- | 50119221 |
| | | DOCUMENT TYPE: SALES | SIZE |
| | | REL LEVEL: Released | C |
| | | | REV |
| | | | A |
| | | | SHEET 1 OF 3 |

| Pin Catalog Number | Accommodates | | Pin Size Solid Wire Equiv | Color Code Die Index | Wire Strip Length | Installation Tools (# Crimps) | | | | | | | | |
|--------------------|------------------------------------|---|---------------------------------|-------------------------|-------------------|---------------------------------------|---------------------------------------|---------------------|--|--|-----------------------|------------------------|---------------------------|--|
| | Copper Code Conductor Class B,C | Copper Flex Conductor Classes | | | | MD6, 600 500 Series (W-RT Dies) | MD6, 600 500 Series (W-VT Dies) | 750 35 Series | 45 Series <i>Use PT6515 with U Dies</i> | 46 Series <i>Use PUADP1 with U Dies</i> | 81K, 4PC Series | 444S, 644 Series | Y644MBH Remote Head | |
| YEV4CP6X75FX | 4 AWG | 4 G,H,I,K,M, DLO | 6 AWG | GRAY 8 | 1 1/4 | W4CRT (2) | W4CVT (2) | U4CRT (2) | U4CRT (2) | U4CRT (2) | 2 CRIMPS | 1 CRIMP | 1 CRIMP | |
| YEV2CP4X75FX | 2 AWG | 2 G,H,I,K,M, DLO | 4 AWG | BROWN 10 | 1 1/4 | W2CRT (2) | W2CVT (2) | U2CRT (2) | U2CRT (2) | U2CRT (2) | 2 CRIMPS | 1 CRIMP | 1 CRIMP | |
| YEV1CP3X84FX | 1 AWG | 1 G,H,I,K,M, DLO | 3 AWG | GREEN 11 | 1 1/4 | W1CRT1 (2) | W1CVT (2) | U1CRT1 (2) | U1CRT1 (2) | U1CRT1 (2) | 2 CRIMPS | 1 CRIMP | 1 CRIMP | |
| YEV25P2X84FX | 1/0 AWG | 1/0 G,H,I,K,M, DLO | 2 AWG | PINK 12 | 1 3/4 | W25RT (4) | W25VT (4) | U25RT (2) | U25RT (2) | U25RT (2) | 2 CRIMPS | 1 CRIMP | 1 CRIMP | |
| YEV26P1X84FX | 2/0 AWG | 2/0 G,H,I,K,M, DLO | 1 AWG | BLACK 13 | 1 3/4 | W26RT (4) | W26VT (4) | U26RT (2) | U26RT (2) | U26RT (2) | 2 CRIMPS | 1 CRIMP | 1 CRIMP | |
| YEV27P1/0X84FX | 3/0 AWG | 3/0 G,H,I,K,M, DLO | 1/0 AWG | ORANGE 14 | 1 3/4 | W27RT (4) | W27VT (4) | U27RT (2) | U27RT (2) | U27RT (2) | 2 CRIMPS | 1 CRIMP | 1 CRIMP | |
| YEV28P2/0X100FX | 4/0 AWG | 4/0 G,H,I,K,M, DLO | 2/0 AWG | PURPLE 15 | 1 3/4 | W28RT (4) | W28VT (4) | U28RT (2) | U28RT (2) | U28RT (2) | 2 CRIMPS | 1 CRIMP | 1 CRIMP | |
| YEV29P3/0X109FX | 250 kcmil | 4/0 G,H,I,K,M, DLO | 3/0 AWG | YELLOW 16 | 1 3/4 | W29RT (4) | W29VT (4) | U29RT (2) | U29RT (2) | U29RT (2) | 2 CRIMPS | 1 CRIMP | 1 CRIMP | |
| YE31P4/0X110FX | 300 kcmil 350 kcmil | 250 kcmil G,H,I,K, 262 kcmi DLO | 4/0 AWG | WHITE 17 | 2 1/4 | W30RT (4) | NA | U30RT (4) | U30RT (4) | U30RT (4) | 3 CRIMPS | 1 CRIMP | 1 CRIMP | |
| YE32P250X125FX | 400 kcmil | 300 kcmil G,H,I,K, 313 kcmi DLO | 250 kcmil | BLUE 19 | 2 1/4 | W32RT (4) | NA | U32RT (4) | U32RT (4) | U32RT (4) | 3 CRIMPS | 1 CRIMP | 1 CRIMP | |
| YE34P250X125FX | 500 kcmil | 350 kcmil G,H,I,K, 373 kcmil DLO | 250 kcmil | BROWN 20 | 2 1/4 | W34RT (4) | NA | U34RT (4) | U34RT (4) | U34RT (4) | 3 CRIMPS | 1 CRIMP | 1 CRIMP | |
| YE36P350X150FX | 600 kcmil | 500 kcmi G,H, 444 kcmi DLO | 350 kcmil | GREEN 22 | 2 1/4 | NA | NA | U36RT (4) | U36RT (4) | U36RT (4) | 3 CRIMPS | 1 CRIMP | 1 CRIMP | |
| YE38P350X150FX | 700 kcmil | 500 kcmi H,I,K 550 kcmi G,H,I, 535 kcmi DLO | 350 kcmil | PINK 400 | 2 1/4 | NA | NA | U38RT (4) | U38RT (4) | U38RT (4) | 3 CRIMPS | 1 CRIMP | 1 CRIMP | |
| YE39P500X150FX | 750 kcmil | 600 kcmi G,H,I,K 646 kcmi DLO | 500 kcmil | BLACK 24 | 2 1/4 | NA | NA | U39RT (4) | S39RT (4) | P39RT (4) | 3 CRIMPS | 1 CRIMP | 1 CRIMP | |
| YE44P600X170FX | 1000 kcmil | 750 kcmi G,H,I, 777 kcmi DLO | 600 kcmil | WHITE 27 | 2 3/8 | NA | NA | N/A | S44RT(4) | P44RT(4) | 3 CRIMPS | 1 CRIMP | 1 CRIMP | |

| | | | | | |
|-----|------------|-------------|--------------|----|--------|
| REV | DATE | DESCRIPTION | EC | BY | C'H'K. |
| A | 02/09/2021 | NEW DRAWING | 210204004642 | SS | YR |

NOTES:

1. NUMBER OF CRIMPS PER END AS DENOTED BY CHART.

| | | | |
|---|--|-------------------------------|---|
| TO ORDER BURNDY® PRODUCTS CALL | | COPPER PIN ADAPTOR | |
| UNITED STATES 1-800-346-4175 (LONDONDERRY, NH) | | ITEM NO: (SEE TABLE) | |
| CANADA: 1-800-361-6975 (QUEBEC) 1-800-387-6487 (ALL OTHER PROVINCES) | | CAT. NO: (SEE TABLE) | |
| FOR PRODUCT INFO: http://www.burndy.com | | DRAWN BY: M.SAURABH 2/4/2021 |  |
| | | CHECKER: R.YOGARAJ 2/8/2021 | |
| | | DSN APRVL: B.MICHAUD 2/9/2021 | |
| | | MFG APRVL: -- | |
| | | QA APRVL: -- | |
| | | MKT APRVL: -- | |
| | | PROD FAM: -- | DRAWING NO |
| | | PROJECT #: -- | 50119221 |
| | | DOCUMENT TYPE: SALES | REV |
| | | REL LEVEL: Released | A |
| | | | SHEET 2 OF 3 |

| REV | DATE | DESCRIPTION | EC | BY | CHK. |
|-----|------------|-------------|--------------|----|------|
| A | 02/09/2021 | NEW DRAWING | 210204004642 | SS | YR |

INSTALLATION INSTRUCTIONS:

Installation instructions help the installer understand proper wire preparation, proper insertion requirements, crimp zone location, individual crimp location, crimp order and crimp direction, to ensure safe and reliable wire connections. UL Listing and CSA Certification are only valid when using the BURNDY Engineered System and following BURNDY Installation Instructions.

Copper Code/Flex Pin Adapter Installation Steps:

1. Select the appropriate connector based on:

- * Wire Material
- * Wire Construction
- * Wire Size

2. Strip the insulation to the appropriate wire strip length, based on the table's Wire Strip Length recommendation for the selected connector. Due to tolerances in the connector, wire strip length, and insulation stripping tools, this range may be 0" - 1/4". The exposed wire, also known as a "shiner", has no performance impact on the connection and there is no wire exposure requirement by BURNDY.

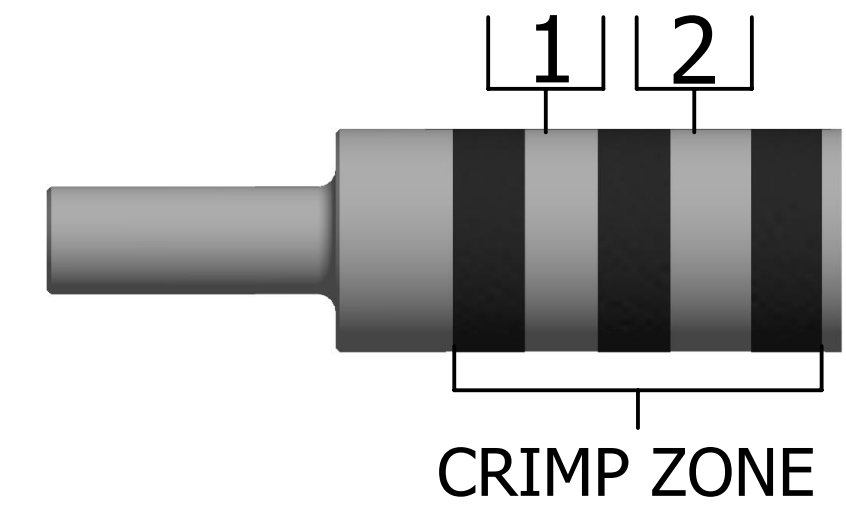
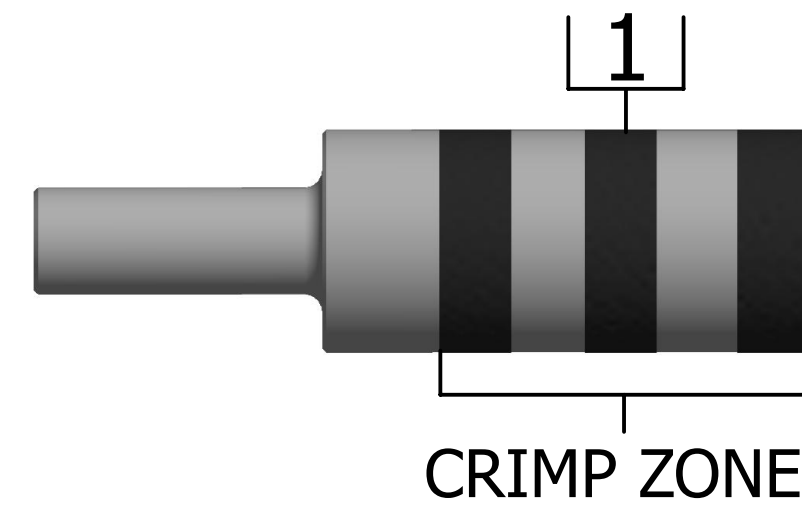
3. As a best practice, wire brush the bare conductor to remove any oxides. DO NOT wire brush tin-plated connectors.

4. Insert the conductor into the barrel for the full length. If the connector has an inspection window, the conductor end can easily be seen to verify full wire insertion.

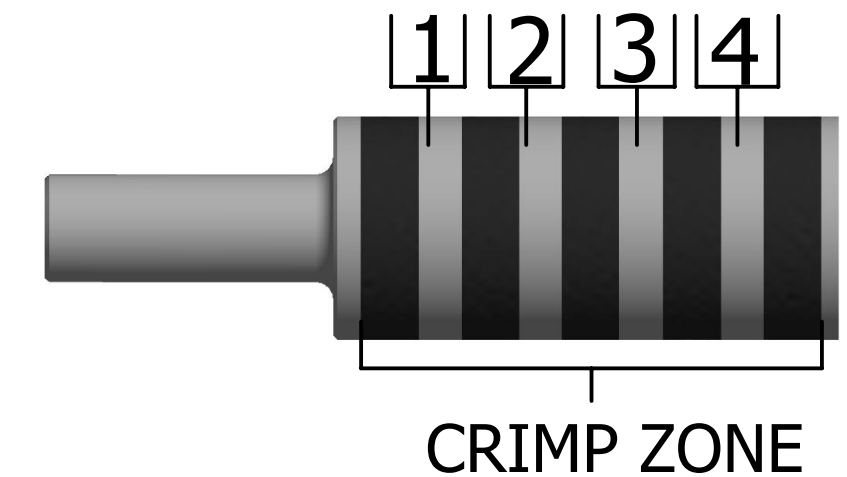
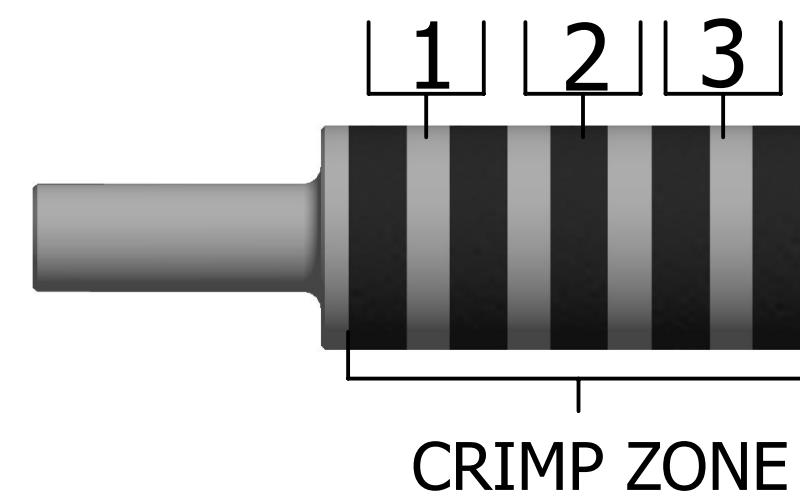
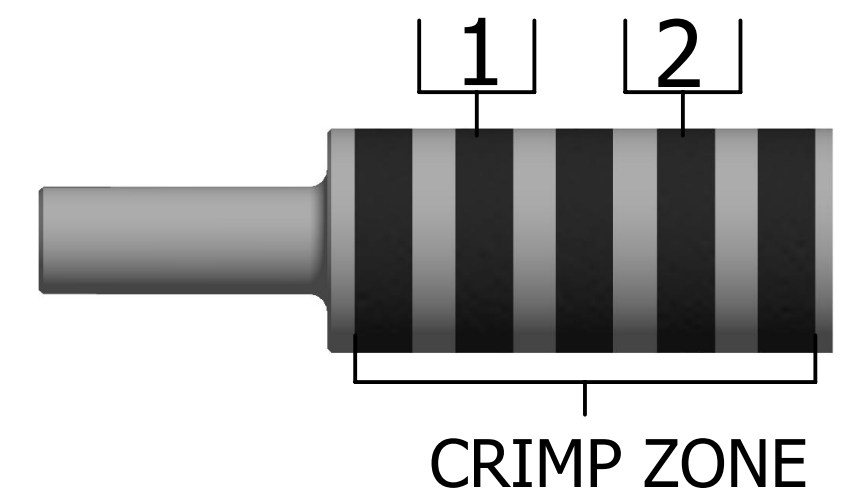
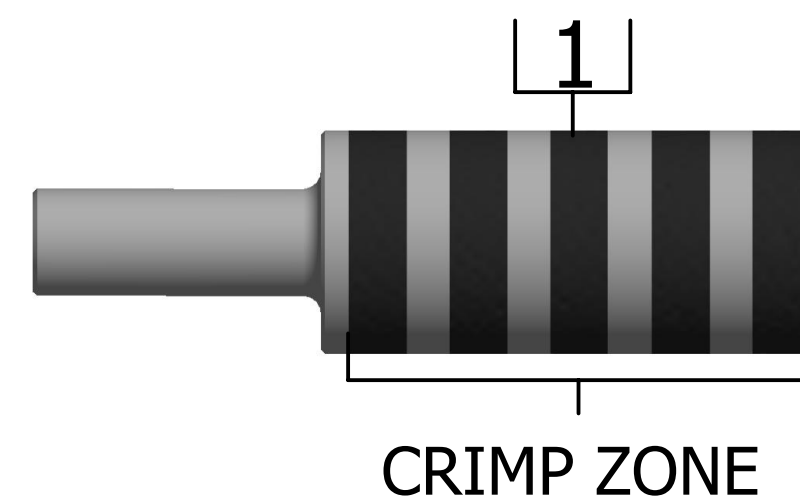
5. Apply the proper number of crimps specified by the appropriate illustration.

6. Once all crimps have been completed, the connection can be easily inspected for proper installation.

| CATALOG NUMBER DESIGNATIONS | | |
|-----------------------------|---------------|---------------|
| YE V4CP6X75FX | YE V2CP4X75FX | YE V1CP3X84FX |



| CATLOG NUMBER DESIGNATION | | |
|---------------------------|------------------|-----------------|
| YE V25P2X84FX | YE V26P1X84FX | YE V27P1/OX84FX |
| YE V28P2/OX100FX | YE V29P3/OX109FX | YE31P4/OX110FX |
| YE32P250X125FX | YE34P250X125FX | YE36P350X150FX |
| YE38P350X150FX | YE39P500X150FX | YE44P600X170FX |



| | | | |
|---|--|-------------------------------|--|
| TO ORDER BURNDY® PRODUCTS CALL | | COPPER PIN ADAPTOR | |
| UNITED STATES | | ITEM NO: (SEE TABLE) | |
| 1-800-346-4175 (LONDONDERRY, NH) | | CAT. NO: (SEE TABLE) | |
| CANADA: | | DRAWN BY: M.SAURABH 2/4/2021 | |
| 1-800-361-6975 (QUEBEC) | | CHECKER: R.YOGARAJ 2/8/2021 | |
| 1-800-387-6487 (ALL OTHER PROVINCES) | | DSN APRVL: B.MICHAUD 2/9/2021 | |
| FOR PRODUCT INFO: http://www.burndy.com | | MFG APRVL: -- | |
| | | QA APRVL: -- | |
| | | MKT APRVL: -- | |
| | | PROD FAM: -- | |
| | | PROJECT #: -- | |
| | | DOCUMENT TYPE: SALES | |
| | | REL LEVEL: Released | |
| | | DRAWING NO | |
| | | 50119221 | |
| | | REV | |
| | | A | |
| | | SHEET 3 OF 3 | |