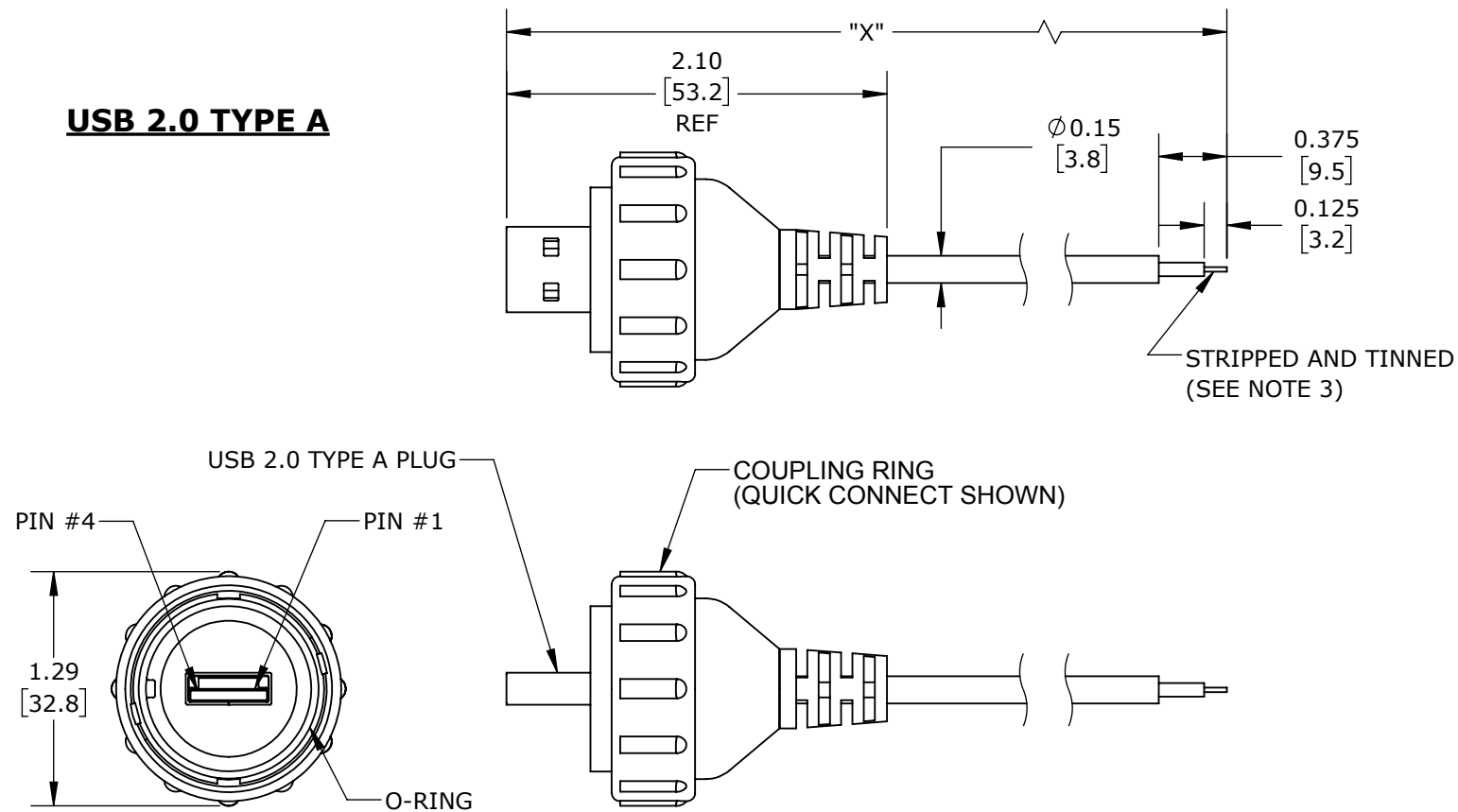


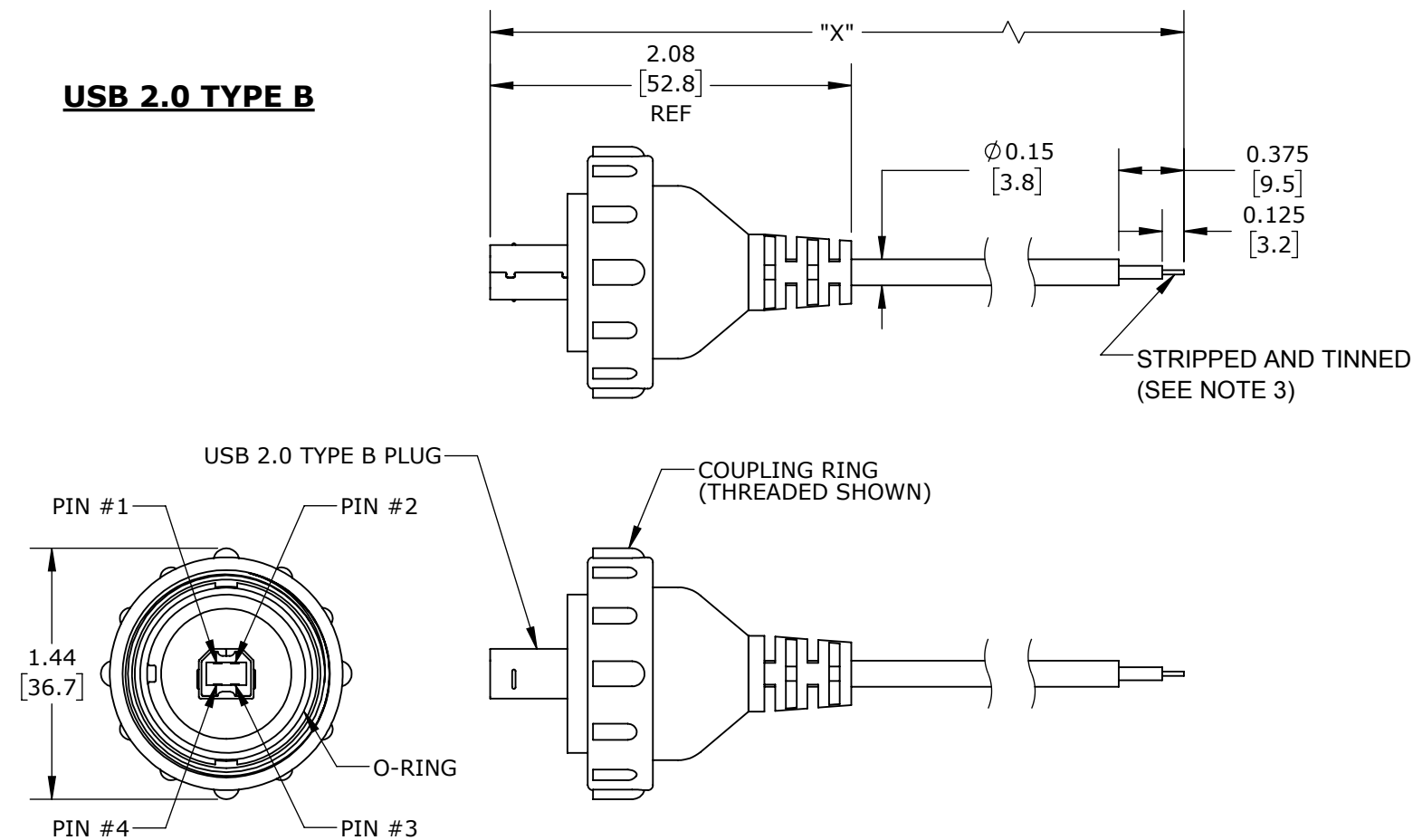
CUSTOMER DRAWING

PART NUMBER: DCM-USB SERIES

**USB 2.0 TYPE A**



**USB 2.0 TYPE B**



| PART NUMBER  | USB 2.0 TYPE | COUPLING TYPE | CABLE LENGTH "X"              |
|--------------|--------------|---------------|-------------------------------|
| DCM-USBAB-R5 | A            | QUICK CONNECT | 195.0 ± 3.0 [4953.0 ± 76.2mm] |
| DCM-USBAT-R5 | A            | THREADED      | 195.0 ± 3.0 [4953.0 ± 76.2mm] |
| DCM-USBBB-R5 | B            | QUICK CONNECT | 195.0 ± 3.0 [4953.0 ± 76.2mm] |
| DCM-USBBT-R5 | B            | THREADED      | 195.0 ± 3.0 [4953.0 ± 76.2mm] |

NOTES:

1. COUPLING RING AND O-RING ARE SHIPPED ASSEMBLED TO THE CABLE.
2. DIMENSIONS SHOWN ARE IN INCHES [mm].
3. THE CABLE END COMES STRIPPED AND TINNED. THIS IS TYPICAL FOR ALL BREAKOUTS.
4. UNLESS OTHERWISE SPECIFIED, DIMENSIONS WITH TWO DECIMAL PLACES HAVE TOLERANCES OF ±0.02 [±0.5mm].

MATERIALS:

PLUG OVERMOLD BODY & FLEX: THERMOPLASTIC, BLACK  
 COUPLING RING: THERMOPLASTIC, BLACK  
 O-RING: ELASTOMER, RED  
 USB PLUG:  
 INSULATOR: THERMOPLASTIC, WHITE  
 CONTACTS: COPPER ALLOY, GOLD PLATED  
 SHIELD: COPPER ALLOY, TIN PLATED  
 CABLE:  
 OUTER JACKET: PVC, BLACK  
 CONDUCTORS: TINNED COPPER, 28 AWG

ELECTRICAL:

CONTACT RESISTANCE: 30 MILLIOHMS MAXIMUM  
 CONTACT CURRENT RATING: 1.5 A MINIMUM  
 INSULATION RESISTANCE: 1000 MEGAOHMS MINIMUM  
 WITHSTANDING VOLTAGE: 500VAC FOR 1 MINUTE

PRODUCT RATING:

IP66 WHEN MATED  
 USB CABLE: USB 2.0

OTHER:

OPERATING TEMPERATURE: 0 °C TO +50 °C  
 STORAGE TEMPERATURE: -20 °C TO +60 °C

| USB 2.0 CABLE WIRING |                      |
|----------------------|----------------------|
| PIN                  | CABLE COLOR          |
| 1                    | RED                  |
| 2                    | WHITE (TWISTED PAIR) |
| 3                    | GREEN (TWISTED PAIR) |
| 4                    | BLACK                |
| SHIELD               | BRAID                |

**CUSTOMER DRAWING**

**RoHS COMPLIANT**

|  |                |               |  |               |
|--|----------------|---------------|--|---------------|
| 0A   | JGK            | 6/04/13       | DRAWING CREATED PER PROJECT #09013.                          |               |
| REV.   | INIT.          | DATE          | DESCRIPTION  |               |
|  | JGK            | 6/04/13       | ORIG. DRAWN BY:  | DATE: 6/04/13 |
| ALL INFORMATION ILLUSTRATED IS THE PROPERTY OF CONXALL CORPORATION. UNAUTHORIZED DUPLICATION OR DISTRIBUTION OF THIS DOCUMENT IS PROHIBITED.             |                |               | CHECKED BY:  |               |
| ALL UNITS ARE IN FEET, INCHES, FRACTION OF INCHES AND DECIMALS. UNLESS OTHERWISE SPECIFIED TOLERANCES: 3 PLACE DECIMALS ±.005 ANGLES ±1° FRACTIONS ±1/16 |                |               | APPROVED BY:   |               |
| - CRITICAL CHARACTERISTIC FLAG PER SPEC. XXXX  |                |               | SCALE: 1:1   | SIZE: B       |
| FILE: DCM-USB SERIES_CD  | DIRECTORY: SLW | SHEET: 1 OF 1 | TITLE: USB 2.0 OVERMOLDED CABLE SERIES TYPE A & B DATA-CON-X |               |
| CUSTOMER: STANDARD PRODUCT   |                |               | PART NUMBER: DCM-USB SERIES                                  |               |
|  |                |               |  | REV: 0A       |