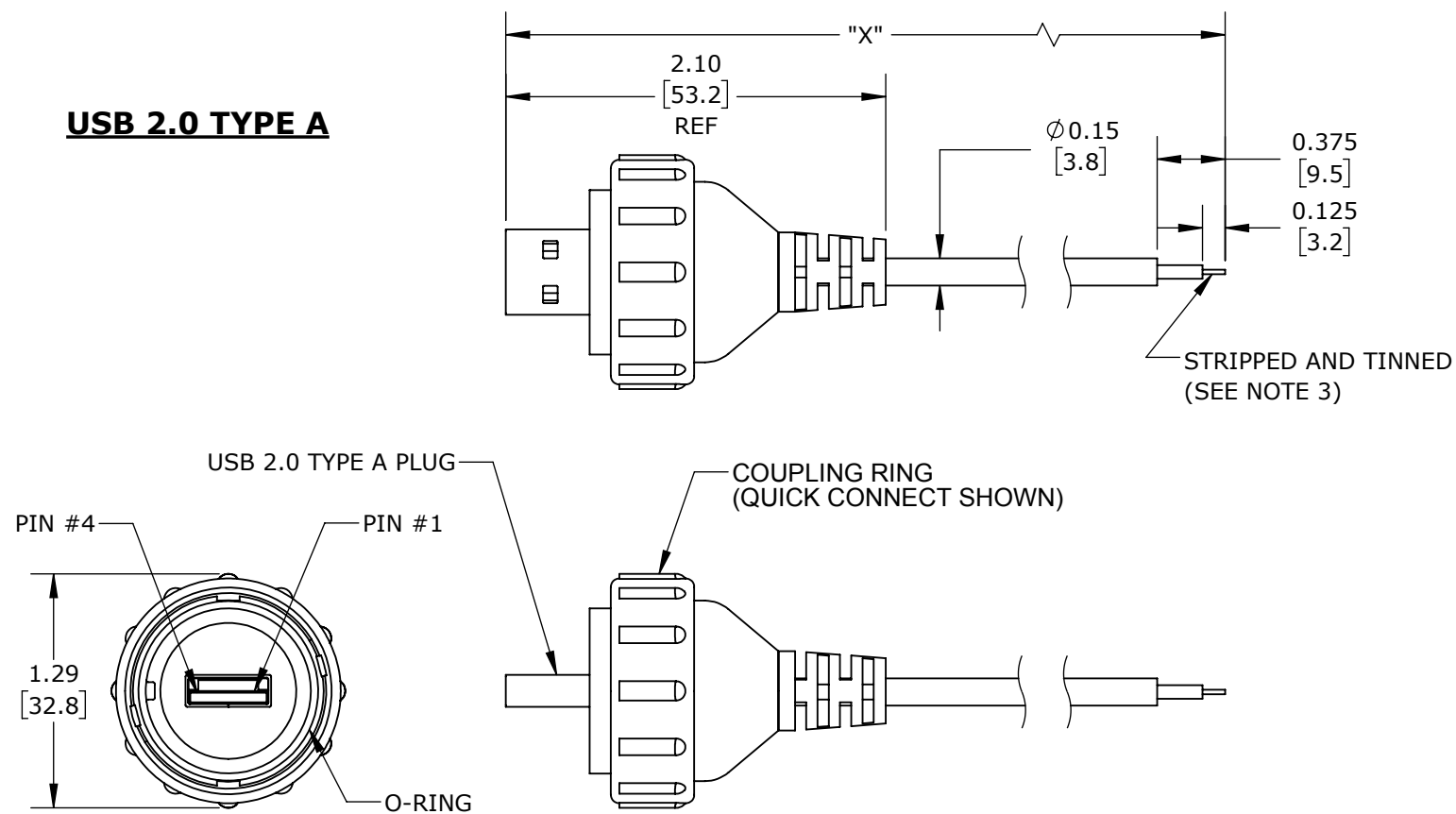


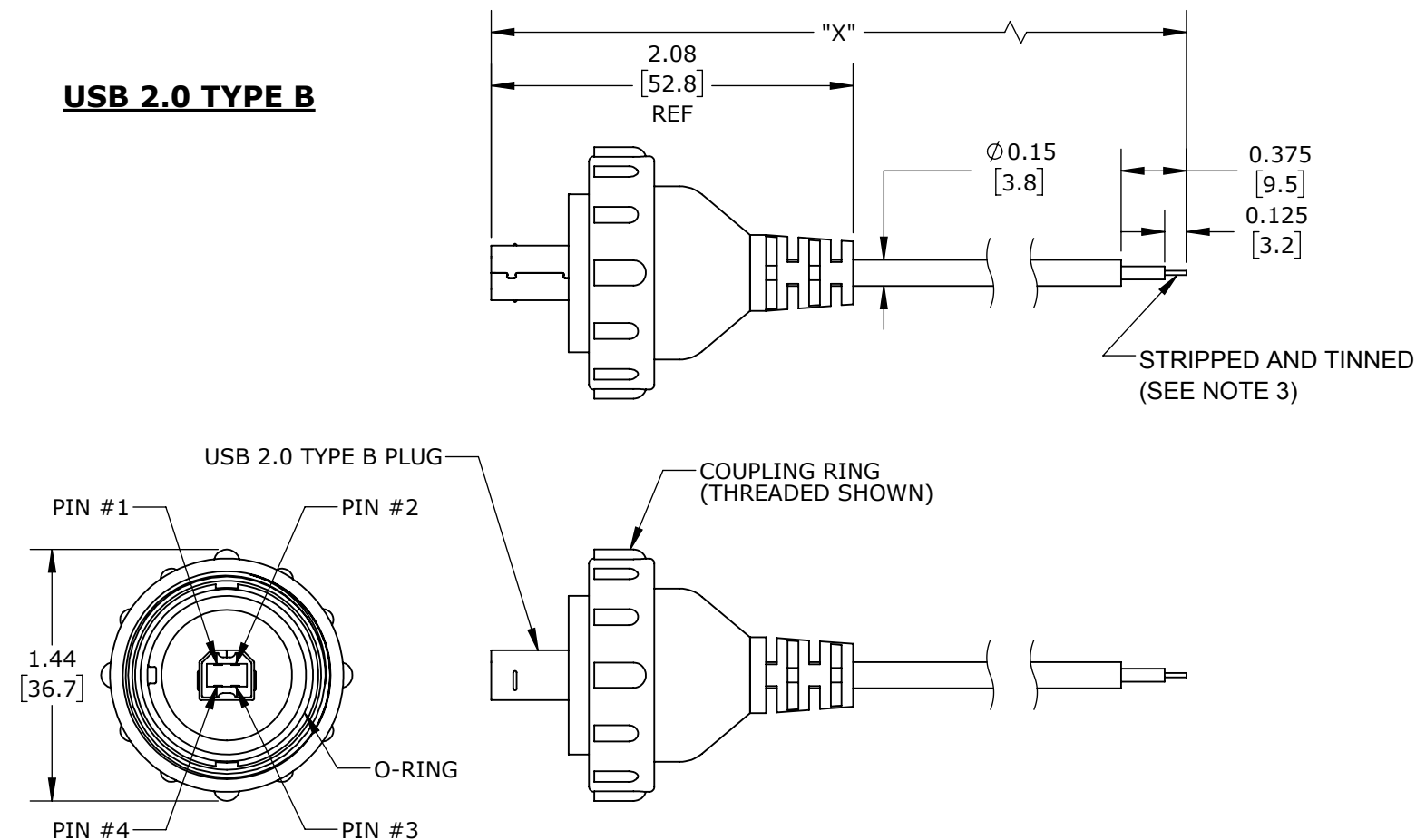
CUSTOMER DRAWING

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: JGK	DATE: 6/04/13
ALL INFORMATION ILLUSTRATED IS THE PROPERTY OF CONXALL CORPORATION. UNAUTHORIZED DUPLICATION OR DISTRIBUTION OF THIS DOCUMENT IS PROHIBITED.				
ALL UNITS ARE IN FEET, INCHES, FRACTION OF INCHES AND DECIMALS. UNLESS OTHERWISE SPECIFIED TOLERANCES: 3 PLACE DECIMALS ±.005 ANGLES ±1° FRACTIONS ±1/16			TITLE: USB 2.0 OVERMOLDED CABLE SERIES TYPE A & B DATA-CON-X CUSTOMER: STANDARD PRODUCT	
FILE: DCM-USB SERIES_CD			SCALE: 1:1	SHEET: 1 OF 1
DIRECTORY: SLW			PART NUMBER: DCM-USB SERIES	
				REV: 0A

# Mouser Electronics

Authorized Distributor

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[DCM-USBAB-R5](#) [DCM-USBBB-R5](#) [DCM-USBAT-R5](#) [DCM-USBBT-R5](#)