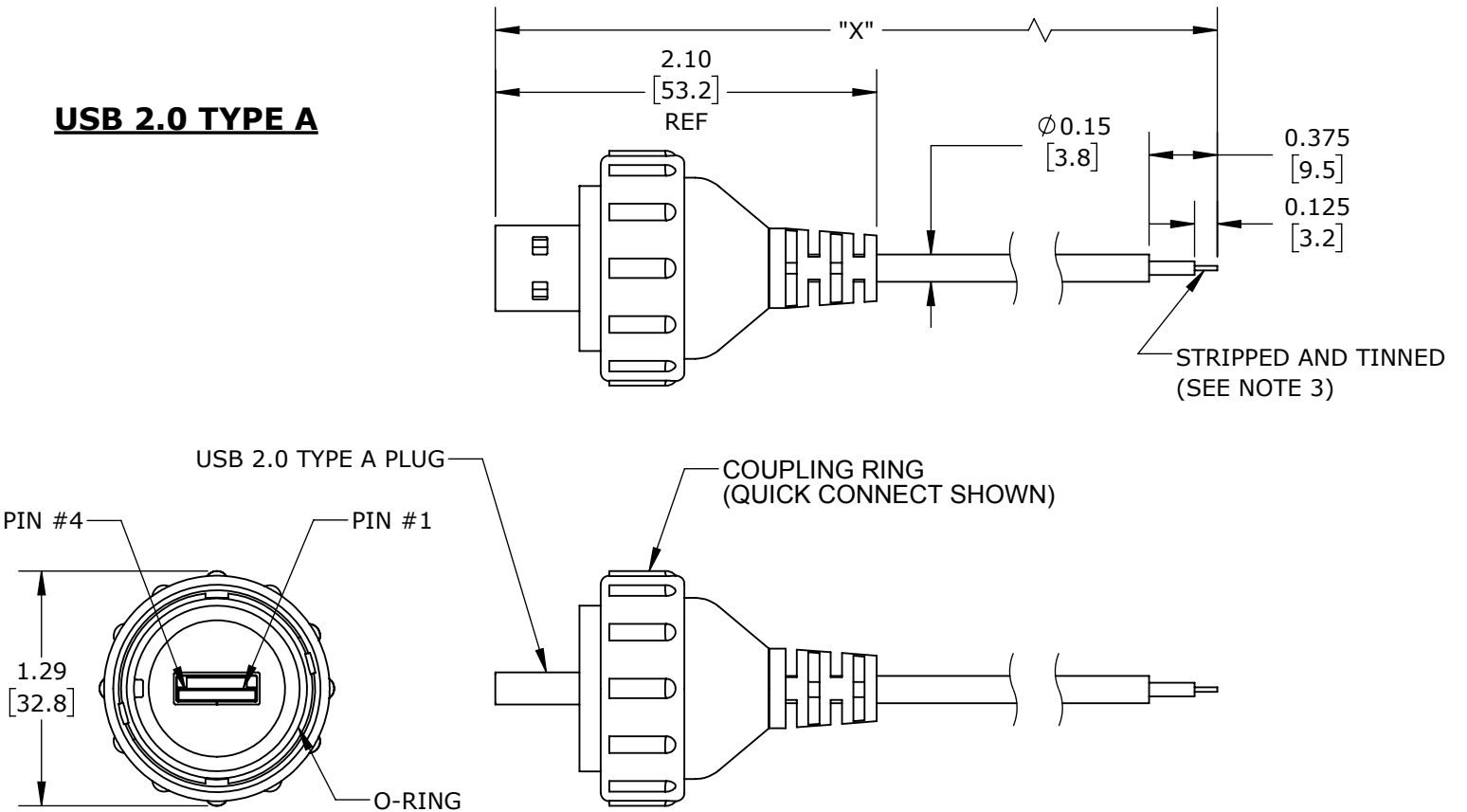
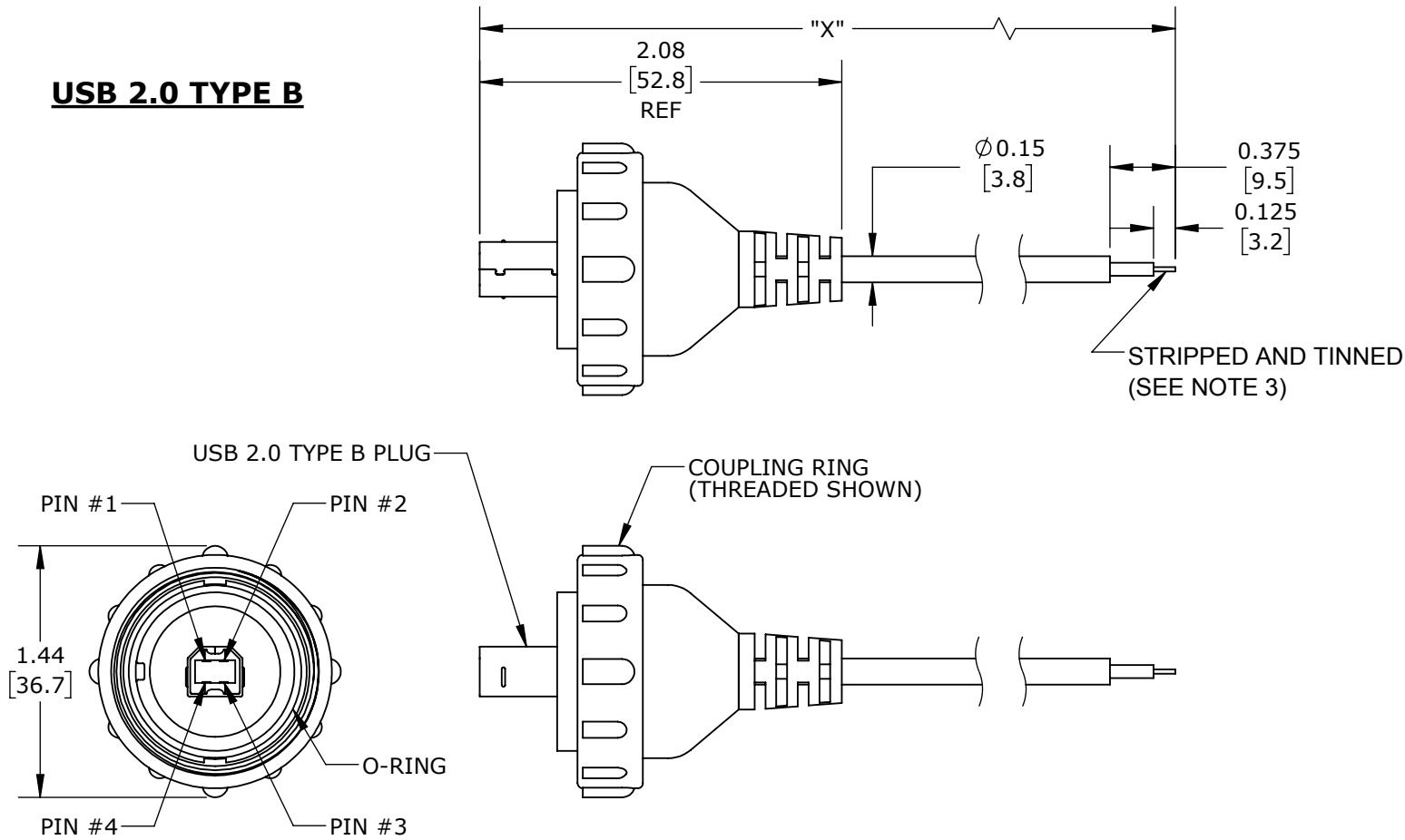


USB 2.0 TYPE A



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			ORIG. DRAWN BY: JGK	DATE: 6/04/13	 601 E. WILDWOOD VILLA PARK, IL 60181
			CHECKED BY:		
			APPROVED BY:		TITLE: USB 2.0 OVERMOLDED CABLE SERIES TYPE A & B DATA-CON-X
			SCALE: 1:1	SIZE: B	SHEET: 1 OF 1
			FILE: DCM-USB SERIES_CD	DIRECTORY: SLW	CUSTOMER: STANDARD PRODUCT
			PART NUMBER: DCM-USB SERIES		
			REV 0A		